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FC3.10 - Modbus-Registerliste

Anwendungsbeispiele:

Beispiel Nr.1:
Die gewünschte Solltemperatur des Warmwassers soll von 60 ºC auf 55 ºC geändert werden. Bitte das Register 527 über GLT/BMS auslesen (erscheint '60') und anschließend diesen Wert auf '55' ändern.

Beispiel Nr.2:
Die Ansteuerung der Primärpumpe soll auf PWM=64% eingestellt werden. Bitte ändern Sie den Wert im Register 362 von 1 auf 0. Hierdurch wird der Handbetrieb für die Primärpumpe aktiviert (Automatikmodus wird deaktiviert). '640' in das Register 522 um den PWM Wert auf 64 % einzustellen. Schreiben Sie als nächstes den Wert.

Beispiel Nr.3:
Sie wollen erfahren ob alle Sensoren funktionieren? Bitte lesen Sie dafür die bitcodierte Register 512 und 513 aus. Der gelesene Dezimalwert des Registers 512 ist z.B. '4' (Umrechnung in Binär '0100'). Laut der Modbus Register Dokumentation entspricht dies einem Fehler (Unterbrechung) des Sensors im Pufferspeicher ('S3').

Beispiel Nr.4:
Sie wollen die aktuellen Temperaturen am Tkw Sensor einer Kaskade von 1, Server 2 und Server 3 ermitteln. Lesen Sie dazu folgende Register aus: 6516, 7516 und 8516. Der ausgelesene Wert von z.B. '155' bedeutet eine Temperatur in Höhe von 15,5 ºC.

Application examples:

Example No. 1:
The desired setpoint temperature for the domestic hot water should be changed from 60 ºC to 55 ºC. Please read register 527 via the BMS (Building Management System) – it will show '60' – and then change this value to '55'.

Example No. 2:
The control of the primary pump should be set to PWM = 64%. Please change the value in register 362 from 1 to 0. This activates manual operation for the primary pump (automatic mode is deactivated). Next, write the value '640' into register 522 to set the PWM value to 64%.

Example No. 3:
To check if all sensors are working, read registers 512 and 513. For example, a value of '4' in register 512 (binary: '0100') indicates a fault in the buffer tank sensor ('S3').

Example No. 4:
To check the current Tkw temperatures of a cascade (Server 1–3), read registers 6516, 7516, and 8516. A value like '155' means 15.5 ºC.

Bezeichnung || Designation	**Bereich || Range**
Hardware	1-60
Zeit	90-99
Control parameter	100-499
Current values	500-599
Debug	600-899
Statistic	900-999
Parameter range values	1000-1099
Message - Desinfection	1100-1120
Message - Alarmmeldungen	1200-1499
Message - Parameter history	4000-4799
System parameter	1900-1999
MB3.10 system parameter	5000-5006
MB3.10 current data	5010-5060
Server 1	6013-6999
Server 2	7013-7999
Server 3	8013-8999

Bez.	Default	Ab FW	Werte
ID	64	3.0.x	1-247
Baud	38400	3.0.x	2400, 4800, 9600, 19200,
Parity	Odd	1.0.3	None, even, odd
Data Bit	8	3.0.x	8, 9
Stop Bit	1	3.0.x	1, 2

Unterstütze Funktioncodes: 03, 06, 16 || Supported function codes: 03, 06, 16
Anzahl gleichzeitig abzurufende Register: 125 || Number of registers to be called up simultaneously: 125

read	Kann dieses Register gelesen werden? x: Ja | -: Nein
write User	Ist dieses Register mit dem Kunden-Bedienercode änderbar? x: Ja | -: Nein
write Spec.	Ist dieses Register mit dem Installateur-Bedienercode änderbar? x: Ja | -: Nein

Reg.	Name	Note	Type	read	write User	write Spec.	Technical field	Ab FW	Write Interval > 12min (20Y EEPROM)	Group
1	FW Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		2.1.4		Hardware
2	FW Time	Hour * 100 + Minute	uint16	x	-	-		2.1.4		Hardware
3	FW Version - Major release	Major release	uint16	x	-	-		2.1.4		Hardware
4	FW Version - Minor release	Minor release	uint16	x	-	-		2.1.4		Hardware
5	FW Version - patch level	Patch level	uint16	x	-	-		2.1.4		Hardware
6	FW Build Nummer		uint16	x	-	-		2.1.4		Hardware
7	PCB Version		uint16	x	-	-		2.1.4		Hardware
8	Assembly variant		uint16	x	-	-		2.1.4		Hardware
13	Bootloader FW Version - Major release	Major release	uint16	x	-	-		3.0.x		Hardware
14	Bootloader FW Version - Minor release	Minor release	uint16	x	-	-		3.0.x		Hardware
15	Bootloader FW Version - patch level	Patch level	uint16	x	-	-		3.0.x		Hardware
50	MB3.10 FW Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		2.1.4		Hardware
51	MB3.10 FW Time	Hour * 100 + Minute	uint16	x	-	-		2.1.4		Hardware
52	MB3.10 FW Version - Major release	Major release	uint16	x	-	-		2.1.4		Hardware
53	MB3.10 FW Version - Minor release	Minor release	uint16	x	-	-		2.1.4		Hardware
54	MB3.10 FW Version - patch level	Patch level	uint16	x	-	-		2.1.4		Hardware
55	MB3.10 FW Build Nummer		uint16	x	-	-		2.1.4		Hardware
56	MB3.10 PCB Version		uint16	x	-	-		2.1.4		Hardware
57	MB3.10 Assembly variant		uint16	x	-	-		2.1.4		Hardware
58	MB3.10 Bootloader FW Version - Major release	Major release	uint16	x	-	-		3.0.x		Hardware
59	MB3.10 Bootloader FW Version - Minor release	Minor release	uint16	x	-	-		3.0.x		Hardware
60	MB3.10 Bootloader FW Version - patch level	Patch level	uint16	x	-	-		3.0.x		Hardware
90	Day		uint8	x	x	x		1.0.3		DateTime
91	Month		uint8	x	x	x		1.0.3		DateTime
92	Year	YYYY	uint16	x	x	x		1.0.3		DateTime
93	Hour		uint8	x	x	x		1.0.3		DateTime
94	Minute		uint8	x	x	x		1.0.3		DateTime
95	Second		uint8	x	x	x		1.0.3		DateTime
100	Circulation available	Default: 0 0: No 1: Yes	uint8	x	x	x		1.0.3	x	Ctrl. Para.
101	Circulation temperature mode available	Default: 0 0: No 1: Yes	uint8	x	x	x	Can the controller use the circulation temperature leaded func. No status!	1.0.3	x	Ctrl. Para.
102	Circulation time mode available	Default: 0 0: No 1: Yes	uint8	x	x	x	Can the controller use the circulation time func. No status!	1.0.3	x	Ctrl. Para.
103	Circulation on demand mode available	Default: 0 0: No 1: Yes	uint8	x	x	x	Can the controller use the circulation on demand function No status!	1.0.3	x	Ctrl. Para.
104	Circulation sensor	Value = Module ID * 10 + Sensor no. Module ID: 0: Own pin 1: Master 2: Server 1 3: Server 2 ... Sensor number 0: No selection 1: S1 2: S2 3: S3 4: S4		x	x	x		1.0.3	x	Ctrl. Para.
105	Circulation PWM	Default: 100% Resolution 1%	uint8	x	x	x		1.0.3	x	Ctrl. Para.
106	Circulation T mode temperature switch on	Default: 55 °C Range: T-WW-Soll min to T-Zirk. OFF - 2K Resolution 1 °C	uint8	x	x	x		1.0.3	x	Ctrl. Para.
107	Circulation T mode delta T switch off	Default: 2K Range: 2K - 10K	uint8	x	x	x		1.0.3	x	Ctrl. Para.
108	Circulation time mode	0: Time control 1: Continuous	uint16	x	x	x		1.0.3	x	Ctrl. Para.
109	Circulation on demand work time	Default: 60s Resolution 1s	uint16	x	x	x	0 - 600s	1.0.3	x	Ctrl. Para.
110	Circulation on demand break time	Default: 10min Resolution 1min	uint8	x	x	x	0 - 60 Minutes	1.0.3	x	Ctrl. Para.
111	Circulation Monday Timer 1 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
112	Circulation Monday Timer 1 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
113	Circulation Monday Timer 2 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
114	Circulation Monday Timer 2 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
115	Circulation Monday Timer 3 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
116	Circulation Monday Timer 3 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
117	Circulation Monday Timer 4 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
118	Circulation Monday Timer 4 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
119	Circulation Monday Timer 5 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
120	Circulation Monday Timer 5 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
121	Circulation Tuseday Timer 1 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
122	Circulation Tuseday Timer 1 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
123	Circulation Tuseday Timer 2 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.

124	Circulation Tuseday Timer 2 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
125	Circulation Tuseday Timer 3 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
126	Circulation Tuseday Timer 3 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
127	Circulation Tuseday Timer 4 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
128	Circulation Tuseday Timer 4 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
129	Circulation Tuseday Timer 5 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
130	Circulation Tuseday Timer 5 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
131	Circulation Wednesday Timer 1 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
132	Circulation Wednesday Timer 1 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
133	Circulation Wednesday Timer 2 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
134	Circulation Wednesday Timer 2 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
135	Circulation Wednesday Timer 3 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
136	Circulation Wednesday Timer 3 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
137	Circulation Wednesday Timer 4 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
138	Circulation Wednesday Timer 4 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
139	Circulation Wednesday Timer 5 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
140	Circulation Wednesday Timer 5 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
141	Circulation Thursday Timer 1 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
142	Circulation Thursday Timer 1 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
143	Circulation Thursday Timer 2 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
144	Circulation Thursday Timer 2 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
145	Circulation Thursday Timer 3 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
146	Circulation Thursday Timer 3 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
147	Circulation Thursday Timer 4 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
148	Circulation Thursday Timer 4 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
149	Circulation Thursday Timer 5 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
150	Circulation Thursday Timer 5 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
151	Circulation Friday Timer 1 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
152	Circulation Friday Timer 1 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
153	Circulation Friday Timer 2 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
154	Circulation Friday Timer 2 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
155	Circulation Friday Timer 3 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
156	Circulation Friday Timer 3 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
157	Circulation Friday Timer 4 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
158	Circulation Friday Timer 4 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
159	Circulation Friday Timer 5 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
160	Circulation Friday Timer 5 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
161	Circulation Saturday Timer 1 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
162	Circulation Saturday Timer 1 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
163	Circulation Saturday Timer 2 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
164	Circulation Saturday Timer 2 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
165	Circulation Saturday Timer 3 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
166	Circulation Saturday Timer 3 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
167	Circulation Saturday Timer 4 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
168	Circulation Saturday Timer 4 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
169	Circulation Saturday Timer 5 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
170	Circulation Saturday Timer 5 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
171	Circulation Sunday Timer 1 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
172	Circulation Sunday Timer 1 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
173	Circulation Sunday Timer 2 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
174	Circulation Sunday Timer 2 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
175	Circulation Sunday Timer 3 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
176	Circulation Sunday Timer 3 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
177	Circulation Sunday Timer 4 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
178	Circulation Sunday Timer 4 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
179	Circulation Sunday Timer 5 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
180	Circulation Sunday Timer 5 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
181	Circulation Monday Timer 1 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
182	Circulation Monday Timer 2 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
183	Circulation Monday Timer 3 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
184	Circulation Monday Timer 4 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
185	Circulation Monday Timer 5 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
186	Circulation Tuseday Timer 1 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
187	Circulation Tuseday Timer 2 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
188	Circulation Tuseday Timer 3 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
189	Circulation Tuseday Timer 4 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
190	Circulation Tuseday Timer 5 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
191	Circulation Wednesday Timer 1 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
192	Circulation Wednesday Timer 2 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
193	Circulation Wednesday Timer 3 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
194	Circulation Wednesday Timer 4 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
195	Circulation Wednesday Timer 5 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
196	Circulation Thursday Timer 1 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
197	Circulation Thursday Timer 2 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
198	Circulation Thursday Timer 3 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
199	Circulation Thursday Timer 4 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
200	Circulation Thursday Timer 5 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
201	Circulation Friday Timer 1 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
202	Circulation Friday Timer 2 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
203	Circulation Friday Timer 3 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
204	Circulation Friday Timer 4 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.

205	Circulation Friday Timer 5 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
206	Circulation Saturday Timer 1 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
207	Circulation Saturday Timer 2 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
208	Circulation Saturday Timer 3 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
209	Circulation Saturday Timer 4 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
210	Circulation Saturday Timer 5 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
211	Circulation Sunday Timer 1 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
212	Circulation Sunday Timer 2 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
213	Circulation Sunday Timer 3 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
214	Circulation Sunday Timer 4 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
215	Circulation Sunday Timer 5 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
216	Stratification available	Default: 0 0: Deactivated 1: Thermostat 2: Temperature difference	uint8	x	x	x	No status!	1.0.3	x	Ctrl. Para.
217	Stratification sensor	Value = Module ID * 10 + Sensor no. Module ID: 0: Own pin 1: Master 2: Server 1 3: Server 2 … Sensor number 0: No selection 1: S1 2: S2 3: S3 4: S4 5: Tkw cascade	uin16	x	x	x		1.0.3	x	Ctrl. Para.
218	Stratification relay	Value = Module ID * 10 + Relay no. Module ID: 0: Own pin / own controller 1: Master 2: Server 1 3: Server 2 … Relay number 0: No selection 1: R1 2: R2 3: R3		x	x	x		1.0.3	x	Ctrl. Para.
220	Stratification switch on temperature	Default: 35°C Resolution 1°C	uint8	x	x	x		1.0.3	x	Ctrl. Para.
221	Stratification hysteresis	Default: 5K Resolution 1K	uint8	x	x	x		1.0.3	x	Ctrl. Para.
222	Stratification deltaT ON	Default: 10K Resolution 1K	uint8	x	x	x		1.0.3	x	Ctrl. Para.
223	Stratification deltaT OFF	Default: 6K Resolution 1K	uint8	x	x	x		1.0.3	x	Ctrl. Para.
224	Modulating hot water temperature available	Default: 0 0: No 1: Yes	uint8	x	x	x	No status!	1.0.3	x	Ctrl. Para.
225	Comfort function available	0: Deactive 1: Time controll 2: Continuous	uint16	x	x	x	Can the controller use the comfort function No status!	1.0.3	x	Ctrl. Para.
226	Comfort break time	Default: 10min Resolution 1min	uint8	x	x	x		1.0.3	x	Ctrl. Para.
227	Comfort deltaT	Default: 5K Range: 1-20 Resolution 1K	uint8	x	x	x		1.0.3	x	Ctrl. Para.
228	Comfort PWM	PWM Comfort Function		x	x	x		1.0.3	x	Ctrl. Para.
229	Comfort Monday Timer 1 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
230	Comfort Monday Timer 1 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
231	Comfort Monday Timer 2 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
232	Comfort Monday Timer 2 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
233	Comfort Monday Timer 3 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
234	Comfort Monday Timer 3 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
235	Comfort Monday Timer 4 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
236	Comfort Monday Timer 4 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
237	Comfort Monday Timer 5 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
238	Comfort Monday Timer 5 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
239	Comfort Tuseday Timer 1 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
240	Comfort Tuseday Timer 1 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
241	Comfort Tuseday Timer 2 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
242	Comfort Tuseday Timer 2 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
243	Comfort Tuseday Timer 3 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
244	Comfort Tuseday Timer 3 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
245	Comfort Tuseday Timer 4 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
246	Comfort Tuseday Timer 4 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
247	Comfort Tuseday Timer 5 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
248	Comfort Tuseday Timer 5 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
249	Comfort Wednesday Timer 1 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
250	Comfort Wednesday Timer 1 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
251	Comfort Wednesday Timer 2 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
252	Comfort Wednesday Timer 2 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
253	Comfort Wednesday Timer 3 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
254	Comfort Wednesday Timer 3 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
255	Comfort Wednesday Timer 4 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
256	Comfort Wednesday Timer 4 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
257	Comfort Wednesday Timer 5 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
258	Comfort Wednesday Timer 5 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
259	Comfort Thursday Timer 1 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
260	Comfort Thursday Timer 1 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
261	Comfort Thursday Timer 2 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.

262	Comfort Thursday Timer 2 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
263	Comfort Thursday Timer 3 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
264	Comfort Thursday Timer 3 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
265	Comfort Thursday Timer 4 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
266	Comfort Thursday Timer 4 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
267	Comfort Thursday Timer 5 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
268	Comfort Thursday Timer 5 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
269	Comfort Friday Timer 1 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
270	Comfort Friday Timer 1 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
271	Comfort Friday Timer 2 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
272	Comfort Friday Timer 2 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
273	Comfort Friday Timer 3 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
274	Comfort Friday Timer 3 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
275	Comfort Friday Timer 4 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
276	Comfort Friday Timer 4 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
277	Comfort Friday Timer 5 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
278	Comfort Friday Timer 5 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
279	Comfort Saturday Timer 1 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
280	Comfort Saturday Timer 1 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
281	Comfort Saturday Timer 2 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
282	Comfort Saturday Timer 2 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
283	Comfort Saturday Timer 3 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
284	Comfort Saturday Timer 3 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
285	Comfort Saturday Timer 4 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
286	Comfort Saturday Timer 4 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
287	Comfort Saturday Timer 5 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
288	Comfort Saturday Timer 5 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
289	Comfort Sunday Timer 1 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
290	Comfort Sunday Timer 1 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
291	Comfort Sunday Timer 2 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
292	Comfort Sunday Timer 2 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
293	Comfort Sunday Timer 3 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
294	Comfort Sunday Timer 3 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
295	Comfort Sunday Timer 4 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
296	Comfort Sunday Timer 4 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
297	Comfort Sunday Timer 5 Start	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
298	Comfort Sunday Timer 5 Ende	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Ctrl. Para.
299	Comfort Monday Timer 1 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
300	Comfort Monday Timer 2 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
301	Comfort Monday Timer 3 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
302	Comfort Monday Timer 4 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
303	Comfort Monday Timer 5 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
304	Comfort Tuseday Timer 1 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
305	Comfort Tuseday Timer 2 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
306	Comfort Tuseday Timer 3 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
307	Comfort Tuseday Timer 4 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
308	Comfort Tuseday Timer 5 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
309	Comfort Wednesday Timer 1 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
310	Comfort Wednesday Timer 2 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
311	Comfort Wednesday Timer 3 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
312	Comfort Wednesday Timer 4 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
313	Comfort Wednesday Timer 5 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
314	Comfort Thursday Timer 1 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
315	Comfort Thursday Timer 2 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
316	Comfort Thursday Timer 3 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
317	Comfort Thursday Timer 4 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
318	Comfort Thursday Timer 5 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
319	Comfort Friday Timer 1 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
320	Comfort Friday Timer 2 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
321	Comfort Friday Timer 3 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
322	Comfort Friday Timer 4 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
323	Comfort Friday Timer 5 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
324	Comfort Saturday Timer 1 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
325	Comfort Saturday Timer 2 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
326	Comfort Saturday Timer 3 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
327	Comfort Saturday Timer 4 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
328	Comfort Saturday Timer 5 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
329	Comfort Sunday Timer 1 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
330	Comfort Sunday Timer 2 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
331	Comfort Sunday Timer 3 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
332	Comfort Sunday Timer 4 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.
333	Comfort Sunday Timer 5 Enabled	0: Disabled 1: Enabled	unit8	x	x	x		1.0.3	x	Ctrl. Para.

334	Disinfection available	0: No 1: Yes	uint16	x	x	x	Checkbox in the submenu "function" from the subitem Disinfection	1.0.3	x	Ctrl. Para.
335	Disinfection temperature	Default: 73°C Range: 60°C - 80°C Resolution 1°C	uint8	x	x	x		1.0.3	x	Ctrl. Para.
336	Disinfection start hour	Hour	uint16	x	x	x		1.0.3	x	Ctrl. Para.
337	Disinfection duration	Minutes, 10 bis 240 min	uint16	x	x	x		1.0.3	x	Ctrl. Para.
338	Disinfection OK after	Minutes	uint16	x	x	x	Disinfection OK after this time	1.0.3	x	Ctrl. Para.
339	Disinfection stop before time	Default: ??? 0: deactivated 1: activated	uint8	x	x	x	Thermal desinfection 1: When the thermal desinfication is successful, the remaining time can ignore.	1.0.3	x	Ctrl. Para.
340	Disinfection-monday-activated	0: Disabled 1: Enabled	uint16	x	x	x		1.0.3	x	Ctrl. Para.
341	Disinfection-tuesday-activated	0: Disabled 1: Enabled	uint16	x	x	x		1.0.3	x	Ctrl. Para.
342	Disinfection-wendsday-activated	0: Disabled 1: Enabled	uint16	x	x	x		1.0.3	x	Ctrl. Para.
343	Disinfection-thursday-activated	0: Disabled 1: Enabled	uint16	x	x	x		1.0.3	x	Ctrl. Para.
344	Disinfection-friday-activated	0: Disabled 1: Enabled	uint16	x	x	x		1.0.3	x	Ctrl. Para.
345	Disinfection-saturday-activated	0: Disabled 1: Enabled	uint16	x	x	x		1.0.3	x	Ctrl. Para.
346	Disinfection-sunday-activated	0: Disabled 1: Enabled	uint16	x	x	x		1.0.3	x	Ctrl. Para.
347	Error relay available	0: No 1: Yes	uint16	x	x	x		1.0.3	x	Ctrl. Para.
348	Error relay	Value = Module ID * 10 + Relay no. Module ID: 0: Own pin / own controller 1: Master 2: Server 1 3: Server 2 ... Relay number 0: No selection 1: R1 2: R2 3: R3	uint16	x	x	x	New values!	1.0.3	x	Ctrl. Para.
349	Error relay trigger	Bit coded 0: Inverted 1: Pt1000 error 2: VFS/US error 3: uC error 4: RTC error 5: Communication error 6: Desinfection error	uint16	x	x	x		1.0.3	x	Ctrl. Para.
350	Parallel relay available Client / Single controller	0: No 1: Yes	uint16	x	x	x		1.0.3	x	Ctrl. Para.
351	Parallel relay Client / Single controller	Coding	uint16	x	x	x	New values!	8.7.6x	x	Ctrl. Para.
353	Hygienic flush available	0: No 1:Yes	uint16	x	x	x		1.0.3	x	Ctrl. Para.
354	Hygienic Start time	Hour	uint16	x	x	x		1.0.3	x	Ctrl. Para.
355	Hygienic duration	Seconds	uint16	x	x	x		1.0.3	x	Ctrl. Para.
356	Buffer storage available	0: No 1:Yes		x	-	x	Checkbox at the subitem "Buffer storage"	1.0.3	x	Ctrl. Para.
357	Reheating available	0: No 1:Yes		x	-	x	Checkbox at the subitem "Reheating"	1.0.3	x	Ctrl. Para.
358	Buffer storage /Reheating sensor	Value = Module ID * 10 + Sensor no. Module ID: 0: Own pin 1: Master 2: Server 1 3: Server 2 ... Sensor number 0: No selection 1: S1 2: S2 3: S3 4: S4		x	-	x		1.0.3	x	Ctrl. Para.
359	Buffer storage relay	Value = Module ID * 10 + Relay no. Module ID: 0: Own pin / own controller 1: Master 2: Server 1 3: Server 2 ... Relay number 0: No selection 1: R1 2: R2 3: R3		x	-	x		1.0.3	x	Ctrl. Para.
362	Operating mode primary pump	0: manual mode 1: automatic mode	uint8	x	x	x	PWM signal	1.0.3		Ctrl. Para.
363	Operating mode circulation pump	0: manual mode 1: automatic mode	uint8	x	x	x	PWM signal	1.0.3		Ctrl. Para.
364	Operating mode output R1	0: manual mode 1: automatic mode	uint8	x	x	x		1.0.3		Ctrl. Para.
365	Operating mode output R2	0: manual mode 1: automatic mode	uint8	x	x	x		1.0.3		Ctrl. Para.
366	Operating mode output R3	0: manual mode 1: automatic mode	uint8	x	x	x		1.0.3		Ctrl. Para.
367	Operating mode input S1	0: manual mode 1: automatic mode	uint8	x	x	x		1.0.3		Ctrl. Para.
368	Operating mode input S2	0: manual mode 1: automatic mode	uint8	x	x	x		1.0.3		Ctrl. Para.
369	Operating mode input S3	0: manual mode 1: automatic mode	uint8	x	x	x		1.0.3		Ctrl. Para.
370	Operating mode input S4	0: manual mode 1: automatic mode	uint8	x	x	x		1.0.3		Ctrl. Para.
371	Operating mode VFS/US T - Connector 1	0: manual mode 1: automatic mode	uint8	x	x	x		1.0.3		Ctrl. Para.

372	Operating mode VFS/US V - Connector 1	0: manual mode 1: automatic mode	uint8	x	x	x		1.0.3		Ctrl. Para.
373	Operating mode VFS/US T - Connector 2	0: manual mode 1: automatic mode	uint8	x	x	x		1.0.3		Ctrl. Para.
374	Operating mode VFS/US V - Connector 2	0: manual mode 1: automatic mode	uint8	x	x	x		1.0.3		Ctrl. Para.
377	Modul 2 switching ON flow	Default: 256 Resolution 0.1 l/min e.g.: 25.6l/min -> 256	int16	x	-	-	Cascade point of changeover	1.0.3	x	Ctrl. Para.
378	Modul 2 switching OFF flow	Default: 192 Resolution 0.1 l/min e.g.: 19.2l/min -> 192	int16	x	-	-	Cascade point of changeover	1.0.3	x	Ctrl. Para.
379	Modul 3 switching ON flow	Default: 512 Resolution 0.1 l/min Bsp.: 51.2l/min -> 512	int16	x	-	-	Cascade point of changeover	1.0.3	x	Ctrl. Para.
380	Modul 3 switching OFF flow	Default: 288 Resolution 0.1 l/min e.g.: 28.8l/min -> 288	int16	x	-	-	Cascade point of changeover	1.0.3	x	Ctrl. Para.
381	Modul 4 switching ON flow	Default: 768 Resolution 0.1 l/min e.g.: 76.8l/min -> 768	int16	x	-	-	Cascade point of changeover	1.0.3	x	Ctrl. Para.
382	Modul 4 switching OFF flow	Default: 384 Resolution 0.1 l/min e.g.: 38.4l/min -> 384	int16	x	-	-	Cascade point of changeover	1.0.3	x	Ctrl. Para.
383	Modul switching On	Default: 80 Resolution 1%	int16	x	-	x		1.0.3	x	Ctrl. Para.
384	Modul switching Off	Default: 30 Resolution 1%	int16	x	-	x		1.0.3	x	Ctrl. Para.
385	Time modul change	Default: 0s Range: 0s - 600s	int16	x	-	x	Step: 10s	1.0.3	x	Ctrl. Para.
387	Change stand by modul after	Default value 420 minutes Range: 1 minute - 420 minutes	uint16	x	-	x	Time after the stand by module change	2.1.4	x	Ctrl. Para.
396	Optimized learning active	0: deactive 1:active	uint8	x	-	x		>8.7.49	x	Ctrl. Para.
397	Optimized learning dT	Range: -10K to 30K	uint8	x	-	x		>8.7.49	x	Ctrl. Para.
398	Circulation flow	Resolution: 0.1 l/min	uint8	x	?	?		>8.7.xx	x	Ctrl. Para.
500	S1	Resolution 0.1 °C 9999: Unterbrechung -9999: Short circuit	int16	x	x	x	read: With decimalplace example: 14.3 °C -> 143 write: Without decimal place example: 60°C -> 60	1.0.3	x (manual mode)	Current values
501	S2	Resolution 0.1 °C 9999: Unterbrechung -9999: Short circuit	int16	x	x	x	read: With decimalplace example: 14.3 °C -> 143 write: Without decimal place example: 60°C -> 60	1.0.3	x (manual mode)	Current values
502	S3	Resolution 0.1 °C 9999: Unterbrechung -9999: Short circuit	int16	x	x	x	read: With decimalplace example: 14.3 °C -> 143 write: Without decimal place example: 60°C -> 60	1.0.3	x (manual mode)	Current values
503	S4	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	read: With decimalplace example: 14.3 °C -> 143 write: Without decimal place example: 60°C -> 60	1.0.3	x (manual mode)	Current values
504	VFS/US 1 T	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	read: With decimalplace example: 14.3 °C -> 143 write: Without decimal place example: 60°C -> 60	1.0.3	x (manual mode)	Current values
505	VFS/US 1 V	Resolution 0.1 l/min 9999: Interruption -9999: Short circuit	int16	x	x	x	read / write: With decimalplace example: 5.4l/min -> 54	1.0.3	x (manual mode)	Current values
506	VFS/US 2 T	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	read: With decimalplace example: 14.3 °C -> 143 write: Without decimal place example: 60°C -> 60	1.0.3	x (manual mode)	Current values
507	VFS/US 2 V	Resolution 0.1 l/min 9999: Interruption -9999: Short circuit	int16	x	x	x	read / write: With decimalplace example: 5.4l/min -> 54	1.0.3	x (manual mode)	Current values
508	Status 1 - Manual mode / Error exists	Bit coded 0: Error exists 1: Pri. pump pwm manual mode 2: Circ. pwm manual mode 3: Output R1 manual mode 4: Output R2 manual mode 5: Output R3 manual mode 6: S1 manual mode 7: S2 manual mode 8: S3 manual mode 9: S4 manual mode 10: VFS/US 1 T manual mode 11: VFS/US 1 V manual mode 12: VFS/US 2 T manual mode 13: VFS/US 2 V manual mode 14: - - - 15: - - -	uint16	x	-	-	Section to retrieve: 0: System parameter 1: Control parameter 2: Statistics	1.0.3		Current values

509	Status 2 - Function	Bit coded 0: Circ. function T available 1: Circ. function time available 2: Circ. function on demand available 3: Circ. function T active 4: Circ. function time active 5: Circ. function on demand active 6: Stratification of return available 7: Stratification of return Locked protection active 8: Modulation hot water available 9: Modulation hot water active 10: Comfort function available 11: Comfort function active 12: Comfort function pump locked 13: Disinfection available 14: Disinfection active 15: Disinfection last one successful	uint16	x	-	-	Bit 12: When the temperature is after 100s to low, there is a protection (wait time) from 1h.	1.0.3		Current values
510	Status 3 - Function	Bit coded 0: Error relay available 1: Error relay active 2: Parallel relay available 3: Parallel relay active 4: Hygienic flush available 5: Hygienic flush active 6: Buffer storage available 7: Buffer storage active 8: Heating available 9: Heating active 10: Overtemperature protection active 11: Average flow active 12: Cascade valve on 13: User plant user 14: User plumber 15: User PAW	uint16	x	-	-		1.0.3		Current values
511	Status 4	Bit coded 0: First start up pass 1: Hydraulic system adaptation running 2: Cascade valve open 3: Short tap volume detected. Circulation pump must start. 4: Remote write protection active	uint16	x	-	-		1.0.3		Current values
512	Status 5 - Sensor error	Bit coded 0: Tvl interruption 1: Tvl short circuit 2: Tbuffer interruption 3: Tbuffer short circuit 4: Tww interruption 5: Tww short circuit 6: Tkw interruption 7: Tkw short circuit 8: Tstratification interruption 9: Tstratification short circuit 10: Tcirculation interruption 11: Tcirculation short circuit 12: VFS/US 1 T interruption 13: VFS/US 1 T short circuit 14: VFS/US 1 V interruption 15: VFS/US 1 V short circuit	uint16	x	-	-		1.0.3		Current values
513	Status 6 - Sensor error	Bit coded 0: VFS/US 2 T interruption 1: VFS/US 2 T short circuit 2: VFS/US 2 V interruption 3: VFS/US 2 V short circuit 4: RTC error 5: uC error 6: - - - 7: - - -	uint16	x	-	-		1.0.3		Current values
514	Tvl	Resolution 0.1 °C 9999: Unterbrechung -9999: Short circuit	int16	x	-	-	14.3 °C -> 143 Temperature primary warm sensor	1.0.3		Current values
515	Tww	Resolution 0.1 °C 9999: Unterbrechung -9999: Short circuit	int16	x	-	-	14.3 °C -> 143 Temperature secondary warm sensor	1.0.3		Current values
516	Tkw	Resolution 0.1 °C 9999: Unterbrechung -9999: Short circuit	int16	x	-	-	14.3 °C -> 143 Temperature secondary cold sensor	1.0.3		Current values
517	T buffer	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	-	-	14.3 °C -> 143 Temperature buffer sensor	1.0.3		Current values
518	T stratification	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	-	-	14.3 °C -> 143 Temperature stratification of return sensor	1.0.3		Current values
519	T circulation	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	-	-	14.3 °C -> 143 Temperature circulation sensor	1.0.3		Current values
521	Vsecondary	Resolution 0.1 l/min 9999 = Interruption -8888 = No sensor	int16	x	-	-	17.5 l/min -> 175 Secondary flow (flowsensor 1)	1.0.3		Current values
522	PWM primary	Resolution 0.1%	int16	x	x	x	50% -> 500	1.0.3		Current values
523	PWM circulation	Resolution 0.1%	int16	x	x	x	50% -> 500	1.0.3		Current values
524	Control output R1	0: Off 100: On	uint8	x	x	x	Only writable in manual mode	1.0.3		Current values
525	Control output R2	0: Off 100: On	uint8	x	x	x	Only writable in manual mode	1.0.3		Current values
526	Control output R3	0: Off 100: On	uint8	x	x	x	Only writable in manual mode	1.0.3		Current values
527	Tww_set_temperature	60°C -> 60	uint8	x	x	x	D.H.W. set temperatur	1.0.3	x	Current values
528	Tww_modulation_temperature	60°C -> 600	uint16	x	-	-	Calculated set point of modulation temperature regulation	2.1.4		Current values
529	Tset_temperature_current	60°C -> 600	uint16	x	-	-	Set point, currently in use	1.0.3		Current values

530	T cold water cascade	60°C -> 600	uint16	x	-	-	Calculated value of the master. It's the highest T cold sensor data of the active modules. The master calculate this value and send it to the Servers. This value ist among other things needed for the stratification of return function at the Server.	1.0.3		Current values
580	Error free [High]	Modbus communication counter	int16	x	-	-		3.0.2		Current values
581	Error free [Low]	Modbus communication counter	int16	x	-	-		3.0.2		Current values
582	CRC [High]	Modbus communication counter	int16	x	-	-		3.0.2		Current values
583	CRC [Low]	Modbus communication counter	int16	x	-	-		3.0.2		Current values
584	Timeout [High]	Modbus communication counter	int16	x	-	-		3.0.2		Current values
585	Timeout [Low]	Modbus communication counter	int16	x	-	-		3.0.2		Current values
586	Illegal function [High]	Modbus communication counter	int16	x	-	-		3.0.2		Current values
587	Illegal function [Low]	Modbus communication counter	int16	x	-	-		3.0.2		Current values
588	Illigal address [High]	Modbus communication counter	int16	x	-	-		3.0.2		Current values
589	Illigal address [Low]	Modbus communication counter	int16	x	-	-		3.0.2		Current values
590	Illigal data [High]	Modbus communication counter	int16	x	-	-		3.0.2		Current values
591	Illigal data [Low]	Modbus communication counter	int16	x	-	-		3.0.2		Current values
592	Server error [High]	Modbus communication counter	int16	x	-	-		3.0.2		Current values
593	Server error [Low]	Modbus communication counter	int16	x	-	-		3.0.2		Current values
594	Other [High]	Modbus communication counter	int16	x	-	-		3.0.2		Current values
595	Other [Low]	Modbus communication counter	int16	x	-	-		3.0.2		Current values
900	Tvl Min	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only 10000 to clear	1.0.3	x	Statistics
901	Tvl Max	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only 10000 to clear	1.0.3	x	Statistics
902	Tkw Min	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only 10000 to clear	1.0.3	x	Statistics
903	Tkw Max	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only 10000 to clear	1.0.3	x	Statistics
904	Tww Min	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only 10000 to clear	1.0.3	x	Statistics
905	Tww Max	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only 10000 to clear	1.0.3	x	Statistics
906	Tbuffer Min	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only 10000 to clear	1.0.3	x	Statistics
907	Tbuffer Max	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only 10000 to clear	1.0.3	x	Statistics
908	Tstratification Min	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only 10000 to clear	1.0.3	x	Statistics
909	Tstratification Max	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only 10000 to clear	1.0.3	x	Statistics
910	Tcirculation Min	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only delete with 10000	1.0.3	x	Statistics
911	Tcirculation Max	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only 10000 to clear	1.0.3	x	Statistics
916	Vsecondary Min	Resolution 0.1 l/min 9999 = Interruption -8888 = No sensor	int16	x	x	x	17.5 l/min -> 175 write only 10000 to clear	1.0.3	x	Statistics
917	Vsecondary Max	Resolution 0.1 l/min 9999 = Interruption -8888 = No sensor	int16	x	x	x	17.5 l/min -> 175 write only 10000 to clear	1.0.3	x	Statistics
918	PWM primary Min	Resolution 0.1%	int16	x	x	x	write only 10000 to clear	1.0.3	x	Statistics
919	PWM primary Max	Resolution 0.1%	int16	x	x	x	write only 10000 to clear	1.0.3	x	Statistics
920	PWM circulation Min	Resolution 0.1%	int16	x	x	x	write only 10000 to clear	1.0.3	x	Statistics
921	PWM circulation Max	Resolution 0.1%	int16	x	x	x	write only 10000 to clear	1.0.3	x	Statistics
922	Switch cycles output R1 [High]		uint16	x	-	-	Only complet high and low to reset (sending 0)	1.0.3	x	Statistics
923	Switch cycles output R1 [Low]		uint16	x	-	-	Only complet high and low to reset (sending 0)	1.0.3	x	Statistics
924	Switch cycles output R2 [High]		uint16	x	-	-	Only complet high and low to reset (sending 0)	1.0.3	x	Statistics
925	Switch cycles output R2 [Low]		uint16	x	-	-	Only complet high and low to reset (sending 0)	1.0.3	x	Statistics
926	Switch cycles output R3 [High]		uint16	x	-	-	Only complet high and low to reset (sending 0)	1.0.3	x	Statistics
927	Switch cycles output R3 [Low]		uint16	x	-	-	Only complet high and low to reset (sending 0)	1.0.3	x	Statistics
928	Operating minutes output R1 [High]	Resolution 1min	uint16	x	-	-	Only complet high and low to reset (sending 0)	1.0.3	x	Statistics
929	Operating minutes output R1 [Low]	Resolution 1min	uint16	x	-	-	Only complet high and low to reset (sending 0)	1.0.3	x	Statistics
930	Operating minutes output R2 [High]	Resolution 1min	uint16	x	-	-	Only complet high and low to reset (sending 0)	1.0.3	x	Statistics
931	Operating minutes output R2 [Low]	Resolution 1min	uint16	x	-	-	Only complet high and low to reset (sending 0)	1.0.3	x	Statistics
932	Operating minutes output R3 [High]	Resolution 1min	uint16	x	-	-	Only complet high and low to reset (sending 0)	1.0.3	x	Statistics
933	Operating minutes output R3 [Low]	Resolution 1min	uint16	x	-	-	Only complet high and low to reset (sending 0)	1.0.3	x	Statistics
934	Operating minutes pwm pri [High]	Resolution 1min	uint16	x	-	-	Only complet high and low to reset (sending 0)	1.0.3	x	Statistics
935	Operating minutes pwm pri [Low]	Resolution 1min	uint16	x	-	-	Only complet high and low to reset (sending 0)	1.0.3	x	Statistics
936	Operating minutes pwm circ [High]	Resolution 1min	uint16	x	-	-	Only complet high and low to reset (sending 0)	1.0.3	x	Statistics
937	Operating minutes pwm circ [Low]	Resolution 1min	uint16	x	-	-	Only complet high and low to reset (sending 0)	1.0.3	x	Statistics
938	Operating hours modul last 24h	Resolution 1min	uint16	x	-	-	Time where the primary pump was on	1.0.3	x	Statistics

939	Flow actually liter day [High]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 M liter	1.0.3	x	Statistics
940	Flow actually liter day [Low]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 M liter	1.0.3	x	Statistics
941	Flow actually liter week [High]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 M liter	1.0.3	x	Statistics
942	Flow actually liter week [Low]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 M liter	1.0.3	x	Statistics
943	Flow actually liter month [High]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 M liter	1.0.3	x	Statistics
944	Flow actually liter month [Low]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 M liter	1.0.3	x	Statistics
945	Flow actually liter total [High]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 M liter	1.0.3	x	Statistics
946	Flow actually liter total [Low]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 M liter	1.0.3	x	Statistics
947	Heat quantity day [High]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 MWh	1.0.3	x	Statistics

948	Heat quantity day [Low]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 MWh	1.0.3	x	Statistics
949	Heat quantity week [High]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 MWh	1.0.3	x	Statistics
950	Heat quantity week [Low]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 MWh	1.0.3	x	Statistics
951	Heat quantity month [High]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 MWh	1.0.3	x	Statistics
952	Heat quantity month [Low]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 MWh	1.0.3	x	Statistics
953	Heat quantity total [High]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 MWh	1.0.3	x	Statistics
954	Heat quantity total [Low]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 MWh	1.0.3	x	Statistics
955	Heat quantity total since (Date)	(Month * 40 + Day) * 100 + Year	uint16	x	x	x		1.0.3	x	Statistics
956	Heat quantity total since (Time)	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Statistics
957	Flow total since (Date)	(Month * 40 + Day) * 100 + Year	uint16	x	x	x		1.0.3	x	Statistics
958	Flow total since (Time)	Hour * 100 + Minute	uint16	x	x	x		1.0.3	x	Statistics
959	T cold water cascade Min	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only delete with 10000	1.0.3	x	Statistics
960	T cold water cascade Max	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only delete with 10000 -	1.0.3	x	Statistics
1000	D.H.W. set temperature min	Range: 35°C to T-WW-Soll max - 5K Resolution 1 °C	uint8	x	-	x		1.0.3	x	Parameter range values
1001	D.H.W. set temperature max	Range: T-WW-Soll min +5K to 75°C Resolution 1 °C	uint8	x	-	x		1.0.3	x	Parameter range values
1100	Desinfection 1 Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1101	Desinfection 1 Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1102	Desinfection 1 Status	Coded: XYYY X: 0: Unsuccessful 1: Successful YYY: Temperature	uint16	x	-	-	E.g.: 0531 -> Unsuccessful 53.1°C 1702 -> Successful. 70.2°C	1.0.3		Message
1103	Desinfection 2 Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1104	Desinfection 2 Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message

1105	Desinfection 2 Status	Coded: XYYY X: 0: Unsuccessful 1: Successful YYY: Temperature	uint16	x	-	-	E.g.: 0531 -> Unsuccessful 53.1°C 1702 -> Successful. 70.2°C	1.0.3		Message
1106	Desinfection 3 Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1107	Desinfection 3 Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1108	Desinfection 3 Status	Coded: XYYY X: 0: Unsuccessful 1: Successful YYY: Temperature	uint16	x	-	-	E.g.: 0531 -> Unsuccessful 53.1°C 1702 -> Successful. 70.2°C	1.0.3		Message
1109	Desinfection 4 Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1110	Desinfection 4 Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1111	Desinfection 4 Status	Coded: XYYY X: 0: Unsuccessful 1: Successful YYY: Temperature	uint16	x	-	-	E.g.: 0531 -> Unsuccessful 53.1°C 1702 -> Successful. 70.2°C	1.0.3		Message
1112	Desinfection 5 Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1113	Desinfection 5 Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1114	Desinfection 5 Status	Coded: XYYY X: 0: Unsuccessful 1: Successful YYY: Temperature	uint16	x	-	-	E.g.: 0531 -> Unsuccessful 53.1°C 1702 -> Successful. 70.2°C	1.0.3		Message
1115	Desinfection 6 Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1116	Desinfection 6 Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1117	Desinfection 6 Status	Coded: XYYY X: 0: Unsuccessful 1: Successful YYY: Temperature	uint16	x	-	-	E.g.: 0531 -> Unsuccessful 53.1°C 1702 -> Successful. 70.2°C	1.0.3		Message
1118	Desinfection 7 Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1119	Desinfection 7 Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1120	Desinfection 7 Status	Coded: XYYY X: 0: Unsuccessful 1: Successful YYY: Temperature	uint16	x	-	-	E.g.: 0531 -> Unsuccessful 53.1°C 1702 -> Successful. 70.2°C	1.0.3		Message
1200	Alarm Message 1 - ID	Values: tabpage "Alarm history ID's"	uint8	x	-	-		1.0.3		Message
1201	Alarm message 1 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1202	Alarm message 1 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1203	Alarm Message 2 - ID		uint8	x	-	-		1.0.3		Message
1204	Alarm message 2 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1205	Alarm message 2 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1206	Alarm Message 3 - ID		uint8	x	-	-		1.0.3		Message
1207	Alarm message 3 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1208	Alarm message 3 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1209	Alarm Message 4 - ID		uint8	x	-	-		1.0.3		Message
1210	Alarm message 4 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1211	Alarm message 4 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1212	Alarm Message 5 - ID		uint8	x	-	-		1.0.3		Message
1213	Alarm message 5 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1214	Alarm message 5 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1215	Alarm Message 6 - ID		uint8	x	-	-		1.0.3		Message
1216	Alarm message 6 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1217	Alarm message 6 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1218	Alarm Message 7 - ID		uint8	x	-	-		1.0.3		Message
1219	Alarm message 7 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1220	Alarm message 7 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1221	Alarm Message 8 - ID		uint8	x	-	-		1.0.3		Message
1222	Alarm message 8 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1223	Alarm message 8 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1224	Alarm Message 9 - ID		uint8	x	-	-		1.0.3		Message
1225	Alarm message 9 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1226	Alarm message 9 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1227	Alarm Message 10 - ID		uint8	x	-	-		1.0.3		Message
1228	Alarm message 10 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1229	Alarm message 10 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1230	Alarm Message 11 - ID		uint8	x	-	-		1.0.3		Message
1231	Alarm message 11 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1232	Alarm message 11 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1233	Alarm Message 12 - ID		uint8	x	-	-		1.0.3		Message
1234	Alarm message 12 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1235	Alarm message 12 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1236	Alarm Message 13 - ID		uint8	x	-	-		1.0.3		Message
1237	Alarm message 13 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1238	Alarm message 13 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1239	Alarm Message 14 - ID		uint8	x	-	-		1.0.3		Message
1240	Alarm Message 14 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1241	Alarm Message 14 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1242	Alarm Message 15 - ID		uint8	x	-	-		1.0.3		Message
1243	Alarm Message 15 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1244	Alarm Message 15 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1245	Alarm Message 16 - ID		uint8	x	-	-		1.0.3		Message
1246	Alarm Message 16 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1247	Alarm Message 16 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1248	Alarm Message 17 - ID		uint8	x	-	-		1.0.3		Message
1249	Alarm Message 17 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1250	Alarm Message 17 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1251	Alarm Message 18 - ID		uint8	x	-	-		1.0.3		Message
1252	Alarm Message 18 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message

1253	Alarm Message 18 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1254	Alarm Message 19 - ID		uint8	x	-	-		1.0.3		Message
1255	Alarm Message 19 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1256	Alarm Message 19 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1257	Alarm Message 20 - ID		uint8	x	-	-		1.0.3		Message
1258	Alarm Message 20 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1259	Alarm Message 20 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1260	Alarm Message 21 - ID		uint8	x	-	-		1.0.3		Message
1261	Alarm Message 21 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1262	Alarm Message 21 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1263	Alarm Message 22 - ID		uint8	x	-	-		1.0.3		Message
1264	Alarm Message 22 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1265	Alarm Message 22 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1266	Alarm Message 23 - ID		uint8	x	-	-		1.0.3		Message
1267	Alarm Message 23 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1268	Alarm Message 23 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1269	Alarm Message 24 - ID		uint8	x	-	-		1.0.3		Message
1270	Alarm Message 24 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1271	Alarm Message 24 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1272	Alarm Message 25 - ID		uint8	x	-	-		1.0.3		Message
1273	Alarm Message 25 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1274	Alarm Message 25 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1275	Alarm Message 26 - ID		uint8	x	-	-		1.0.3		Message
1276	Alarm Message 26 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1277	Alarm Message 26 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1278	Alarm Message 27 - ID		uint8	x	-	-		1.0.3		Message
1279	Alarm Message 27 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1280	Alarm Message 27 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1281	Alarm Message 28 - ID		uint8	x	-	-		1.0.3		Message
1282	Alarm Message 28 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1283	Alarm Message 28 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1284	Alarm Message 29 - ID		uint8	x	-	-		1.0.3		Message
1285	Alarm Message 29 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1286	Alarm Message 29 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1287	Alarm Message 30 - ID		uint8	x	-	-		1.0.3		Message
1288	Alarm Message 30 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1289	Alarm Message 30 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1290	Alarm Message 31 - ID		uint8	x	-	-		1.0.3		Message
1291	Alarm Message 31 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1292	Alarm Message 31 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1293	Alarm Message 32 - ID		uint8	x	-	-		1.0.3		Message
1294	Alarm Message 32 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1295	Alarm Message 32 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1296	Alarm Message 33 - ID		uint8	x	-	-		1.0.3		Message
1297	Alarm Message 33 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1298	Alarm Message 33 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1299	Alarm Message 34 - ID		uint8	x	-	-		1.0.3		Message
1300	Alarm Message 34 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1301	Alarm Message 34 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1302	Alarm Message 35 - ID		uint8	x	-	-		1.0.3		Message
1303	Alarm Message 35 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1304	Alarm Message 35 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1305	Alarm Message 36 - ID		uint8	x	-	-		1.0.3		Message
1306	Alarm Message 36 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1307	Alarm Message 36 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1308	Alarm Message 37 - ID		uint8	x	-	-		1.0.3		Message
1309	Alarm Message 37 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1310	Alarm Message 37 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1311	Alarm Message 38 - ID		uint8	x	-	-		1.0.3		Message
1312	Alarm Message 38 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1313	Alarm Message 38 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1314	Alarm Message 39 - ID		uint8	x	-	-		1.0.3		Message
1315	Alarm Message 39 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1316	Alarm Message 39 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1317	Alarm Message 40 - ID		uint8	x	-	-		1.0.3		Message
1318	Alarm Message 40 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1319	Alarm Message 40 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1320	Alarm Message 41 - ID		uint8	x	-	-		1.0.3		Message
1321	Alarm Message 41 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1322	Alarm Message 41 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1323	Alarm Message 42 - ID		uint8	x	-	-		1.0.3		Message
1324	Alarm Message 42 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1325	Alarm Message 42 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1326	Alarm Message 43 - ID		uint8	x	-	-		1.0.3		Message
1327	Alarm Message 43 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1328	Alarm Message 43 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1329	Alarm Message 44 - ID		uint8	x	-	-		1.0.3		Message
1330	Alarm Message 44 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1331	Alarm Message 44 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1332	Alarm Message 45 - ID		uint8	x	-	-		1.0.3		Message
1333	Alarm Message 45 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1334	Alarm Message 45 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1335	Alarm Message 46 - ID		uint8	x	-	-		1.0.3		Message
1336	Alarm Message 46 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1337	Alarm Message 46 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1338	Alarm Message 47 - ID		uint8	x	-	-		1.0.3		Message
1339	Alarm Message 47 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1340	Alarm Message 47 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1341	Alarm Message 48 - ID		uint8	x	-	-		1.0.3		Message
1342	Alarm Message 48 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1343	Alarm Message 48 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1344	Alarm Message 49 - ID		uint8	x	-	-		1.0.3		Message
1345	Alarm Message 49 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1346	Alarm Message 49 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1347	Alarm Message 50 - ID		uint8	x	-	-		1.0.3		Message
1348	Alarm Message 50 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1349	Alarm Message 50 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message

1350	Alarm Message 51 - ID		uint8	x	-	-		1.0.3		Message
1351	Alarm Message 51 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1352	Alarm Message 51 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1353	Alarm Message 52 - ID		uint8	x	-	-		1.0.3		Message
1354	Alarm Message 52 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1355	Alarm Message 52 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1356	Alarm Message 53 - ID		uint8	x	-	-		1.0.3		Message
1357	Alarm Message 53 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1358	Alarm Message 53 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1359	Alarm Message 54 - ID		uint8	x	-	-		1.0.3		Message
1360	Alarm Message 54 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1361	Alarm Message 54 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1362	Alarm Message 55 - ID		uint8	x	-	-		1.0.3		Message
1363	Alarm Message 55 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1364	Alarm Message 55 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1365	Alarm Message 56 - ID		uint8	x	-	-		1.0.3		Message
1366	Alarm Message 56 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1367	Alarm Message 56 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1368	Alarm Message 57 - ID		uint8	x	-	-		1.0.3		Message
1369	Alarm Message 57 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1370	Alarm Message 57 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1371	Alarm Message 58 - ID		uint8	x	-	-		1.0.3		Message
1372	Alarm Message 58 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1373	Alarm Message 58 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1374	Alarm Message 59 - ID		uint8	x	-	-		1.0.3		Message
1375	Alarm Message 59 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1376	Alarm Message 59 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1377	Alarm Message 60 - ID		uint8	x	-	-		1.0.3		Message
1378	Alarm Message 60 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1379	Alarm Message 60 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1380	Alarm Message 61 - ID		uint8	x	-	-		1.0.3		Message
1381	Alarm Message 61 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1382	Alarm Message 61 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1383	Alarm Message 62 - ID		uint8	x	-	-		1.0.3		Message
1384	Alarm Message 62 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1385	Alarm Message 62 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1386	Alarm Message 63 - ID		uint8	x	-	-		1.0.3		Message
1387	Alarm Message 63 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1388	Alarm Message 63 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1389	Alarm Message 64 - ID		uint8	x	-	-		1.0.3		Message
1390	Alarm Message 64 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1391	Alarm Message 64 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1392	Alarm Message 65 - ID		uint8	x	-	-		1.0.3		Message
1393	Alarm Message 65 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1394	Alarm Message 65 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1395	Alarm Message 66 - ID		uint8	x	-	-		1.0.3		Message
1396	Alarm Message 66 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1397	Alarm Message 66 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1398	Alarm Message 67 - ID		uint8	x	-	-		1.0.3		Message
1399	Alarm Message 67 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1400	Alarm Message 67 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1401	Alarm Message 68 - ID		uint8	x	-	-		1.0.3		Message
1402	Alarm Message 68 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1403	Alarm Message 68 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1404	Alarm Message 69 - ID		uint8	x	-	-		1.0.3		Message
1405	Alarm Message 69 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1406	Alarm Message 69 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1407	Alarm Message 70 - ID		uint8	x	-	-		1.0.3		Message
1408	Alarm Message 70 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1409	Alarm Message 70 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1410	Alarm Message 71 - ID		uint8	x	-	-		1.0.3		Message
1411	Alarm Message 71 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1412	Alarm Message 71 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1413	Alarm Message 72 - ID		uint8	x	-	-		1.0.3		Message
1414	Alarm Message 72 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1415	Alarm Message 72 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1416	Alarm Message 73 - ID		uint8	x	-	-		1.0.3		Message
1417	Alarm Message 73 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1418	Alarm Message 73 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1419	Alarm Message 74 - ID		uint8	x	-	-		1.0.3		Message
1420	Alarm Message 74 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1421	Alarm Message 74 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1422	Alarm Message 75 - ID		uint8	x	-	-		1.0.3		Message
1423	Alarm Message 75 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1424	Alarm Message 75 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1425	Alarm Message 76 - ID		uint8	x	-	-		1.0.3		Message
1426	Alarm Message 76 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1427	Alarm Message 76 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1428	Alarm Message 77 - ID		uint8	x	-	-		1.0.3		Message
1429	Alarm Message 77 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1430	Alarm Message 77 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1431	Alarm Message 78 - ID		uint8	x	-	-		1.0.3		Message
1432	Alarm Message 78 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1433	Alarm Message 78 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1434	Alarm Message 79 - ID		uint8	x	-	-		1.0.3		Message
1435	Alarm Message 79 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1436	Alarm Message 79 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1437	Alarm Message 80 - ID		uint8	x	-	-		1.0.3		Message
1438	Alarm Message 80 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1439	Alarm Message 80 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1440	Alarm Message 81 - ID		uint8	x	-	-		1.0.3		Message
1441	Alarm Message 81 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1442	Alarm Message 81 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1443	Alarm Message 82 - ID		uint8	x	-	-		1.0.3		Message
1444	Alarm Message 82 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1445	Alarm Message 82 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1446	Alarm Message 83 - ID		uint8	x	-	-		1.0.3		Message

1447	Alarm Message 83 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1448	Alarm Message 83 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1449	Alarm Message 84 - ID		uint8	x	-	-		1.0.3		Message
1450	Alarm Message 84 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1451	Alarm Message 84 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1452	Alarm Message 85 - ID		uint8	x	-	-		1.0.3		Message
1453	Alarm Message 85 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1454	Alarm Message 85 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1455	Alarm Message 86 - ID		uint8	x	-	-		1.0.3		Message
1456	Alarm Message 86 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1457	Alarm Message 86 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1458	Alarm Message 87 - ID		uint8	x	-	-		1.0.3		Message
1459	Alarm Message 87 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1460	Alarm Message 87 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1461	Alarm Message 88 - ID		uint8	x	-	-		1.0.3		Message
1462	Alarm Message 88 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1463	Alarm Message 88 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1464	Alarm Message 89 - ID		uint8	x	-	-		1.0.3		Message
1465	Alarm Message 89 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1466	Alarm Message 89 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1467	Alarm Message 90 - ID		uint8	x	-	-		1.0.3		Message
1468	Alarm Message 90 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1469	Alarm Message 90 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1470	Alarm Message 91 - ID		uint8	x	-	-		1.0.3		Message
1471	Alarm Message 91 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1472	Alarm Message 91 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1473	Alarm Message 92 - ID		uint8	x	-	-		1.0.3		Message
1474	Alarm Message 92 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1475	Alarm Message 92 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1476	Alarm Message 93 - ID		uint8	x	-	-		1.0.3		Message
1477	Alarm Message 93 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1478	Alarm Message 93 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1479	Alarm Message 94 - ID		uint8	x	-	-		1.0.3		Message
1480	Alarm Message 94 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1481	Alarm Message 94 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1482	Alarm Message 95 - ID		uint8	x	-	-		1.0.3		Message
1483	Alarm Message 95 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1484	Alarm Message 95 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1485	Alarm Message 96 - ID		uint8	x	-	-		1.0.3		Message
1486	Alarm Message 96 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1487	Alarm Message 96 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1488	Alarm Message 97 - ID		uint8	x	-	-		1.0.3		Message
1489	Alarm Message 97 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1490	Alarm Message 97 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1491	Alarm Message 98 - ID		uint8	x	-	-		1.0.3		Message
1492	Alarm Message 98 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1493	Alarm Message 98 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1494	Alarm Message 99 - ID		uint8	x	-	-		1.0.3		Message
1495	Alarm Message 99 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1496	Alarm Message 99 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1497	Alarm Message 100 - ID		uint8	x	-	-		1.0.3		Message
1498	Alarm Message 100 - date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
1499	Alarm Message 100 - time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
1900	Language	0: German 1: English 2: French 3: Polish 4: Italian 5: Spanish 6: Netherlands 7: Swedish	uint8	x	x	x		1.0.3	x	Sys. Para.
1901	User	0000: Operator 0011, 1000, 9856: Specialist (customer dependent)	uint16	x	x	x	Change from 5 to 4 places at FW 3.0.0	8.7.x	x	Sys. Para.
1912	Display brightness	Range 0 - xx	uint8	x	x	x		1.0.3	x	Sys. Para.
1913	Display dim brightness	Range 0 - xx	uint8	x	x	x		1.0.3	x	Sys. Para.
1914	Display contrast	Range 0 - xx	uint8	x	x	x		1.0.3	x	Sys. Para.
1915	Display screen lock	0: Deactive 1: Active	uint8	x	x	x		1.0.3	x	Sys. Para.
1916	Display screen lock delay	1-10 minutes	uint8	x	x	x		1.0.3	x	Sys. Para.
1917	Dislpay operating mode backlight	0: OFF 1: ON 2: Automatic	uint8	x	x	x		1.0.3	x	Sys. Para.
1918	Central European Summer time	0: Automatic 1: Manual	uint8	x	x	x		1.0.3	x	Sys. Para.
1920	S1 Offset	Default: 0 Range: -15K to +15K Resolution: 1K	int8	x	x	x		1.0.3	x	Sys. Para.
1921	S2 Offset	Default: 0 Range: -15K to +15K Resolution: 1K	int8	x	x	x		1.0.3	x	Sys. Para.
1922	S3 Offset	Default: 0 Range: -15K to +15K Resolution: 1K	int8	x	x	x		1.0.3	x	Sys. Para.
1923	S4 Offset	Default: 0 Range: -15K to +15K Resolution: 1K	int8	x	x	x		1.0.3	x	Sys. Para.
1924	VFS/US V offset	Default: 0 Range: -5l/min to 5l/min Resolution: 0.1l/min	int8	x	x	x		1.0.3	x	Sys. Para.
1925	VFS/US T offset	Default: 0 Range: -15K to +15K Resolution: 1K	int8	x	x	x		1.0.3	x	Sys. Para.
1940	Display -> Color inversion	0: Deactive 1: Active	uint8	x	x	x		1.0.3	x	Sys. Para.
1941	USB -> Data logging interval	1 - 60s	uint8	x	x	x		1.0.3	x	Sys. Para.
1942	USB -> Recording type	0: Linear 1: Cyclical	uint8	x	x	x		1.0.3	x	Sys. Para.
4000	Parameter history 1 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4001	Parameter history 1 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4002	Parameter history 1 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4003	Parameter history 1 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4004	Parameter history 1 - Value 1 old		uint16	x	-	-		1.0.3		Message

4005	Parameter history 1 - Value 2 old		uint16	x	-	-		1.0.3		Message
4006	Parameter history 1 - Value 1 new		uint16	x	-	-		1.0.3		Message
4007	Parameter history 1 - Value 2 new		uint16	x	-	-		1.0.3		Message
4008	Parameter history 2 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4009	Parameter history 2 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4010	Parameter history 2 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4011	Parameter history 2 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4012	Parameter history 2 - Value 1 old		uint16	x	-	-		1.0.3		Message
4013	Parameter history 2 - Value 2 old		uint16	x	-	-		1.0.3		Message
4014	Parameter history 2 - Value 1 new		uint16	x	-	-		1.0.3		Message
4015	Parameter history 2 - Value 2 new		uint16	x	-	-		1.0.3		Message
4016	Parameter history 3 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4017	Parameter history 3 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4018	Parameter history 3 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4019	Parameter history 3 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4020	Parameter history 3 - Value 1 old		uint16	x	-	-		1.0.3		Message
4021	Parameter history 3 - Value 2 old		uint16	x	-	-		1.0.3		Message
4022	Parameter history 3 - Value 1 new		uint16	x	-	-		1.0.3		Message
4023	Parameter history 3 - Value 2 new		uint16	x	-	-		1.0.3		Message
4024	Parameter history 4 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4025	Parameter history 4 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4026	Parameter history 4 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4027	Parameter history 4 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4028	Parameter history 4 - Value 1 old		uint16	x	-	-		1.0.3		Message
4029	Parameter history 4 - Value 2 old		uint16	x	-	-		1.0.3		Message
4030	Parameter history 4 - Value 1 new		uint16	x	-	-		1.0.3		Message
4031	Parameter history 4 - Value 2 new		uint16	x	-	-		1.0.3		Message
4032	Parameter history 5 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4033	Parameter history 5 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4034	Parameter history 5 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4035	Parameter history 5 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4036	Parameter history 5 - Value 1 old		uint16	x	-	-		1.0.3		Message
4037	Parameter history 5 - Value 2 old		uint16	x	-	-		1.0.3		Message
4038	Parameter history 5 - Value 1 new		uint16	x	-	-		1.0.3		Message
4039	Parameter history 5 - Value 2 new		uint16	x	-	-		1.0.3		Message
4040	Parameter history 6 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4041	Parameter history 6 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4042	Parameter history 6 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4043	Parameter history 6 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4044	Parameter history 6 - Value 1 old		uint16	x	-	-		1.0.3		Message
4045	Parameter history 6 - Value 2 old		uint16	x	-	-		1.0.3		Message
4046	Parameter history 6 - Value 1 new		uint16	x	-	-		1.0.3		Message
4047	Parameter history 6 - Value 2 new		uint16	x	-	-		1.0.3		Message
4048	Parameter history 7 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4049	Parameter history 7 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4050	Parameter history 7 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4051	Parameter history 7 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4052	Parameter history 7 - Value 1 old		uint16	x	-	-		1.0.3		Message
4053	Parameter history 7 - Value 2 old		uint16	x	-	-		1.0.3		Message
4054	Parameter history 7 - Value 1 new		uint16	x	-	-		1.0.3		Message
4055	Parameter history 7 - Value 2 new		uint16	x	-	-		1.0.3		Message
4056	Parameter history 8 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4057	Parameter history 8 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4058	Parameter history 8 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4059	Parameter history 8 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4060	Parameter history 8 - Value 1 old		uint16	x	-	-		1.0.3		Message
4061	Parameter history 8 - Value 2 old		uint16	x	-	-		1.0.3		Message
4062	Parameter history 8 - Value 1 new		uint16	x	-	-		1.0.3		Message
4063	Parameter history 8 - Value 2 new		uint16	x	-	-		1.0.3		Message
4064	Parameter history 9 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4065	Parameter history 9 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4066	Parameter history 9 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4067	Parameter history 9 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4068	Parameter history 9 - Value 1 old		uint16	x	-	-		1.0.3		Message
4069	Parameter history 9 - Value 2 old		uint16	x	-	-		1.0.3		Message
4070	Parameter history 9 - Value 1 new		uint16	x	-	-		1.0.3		Message
4071	Parameter history 9 - Value 2 new		uint16	x	-	-		1.0.3		Message
4072	Parameter history 10 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4073	Parameter history 10 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4074	Parameter history 10 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4075	Parameter history 10 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4076	Parameter history 10 - Value 1 old		uint16	x	-	-		1.0.3		Message
4077	Parameter history 10 - Value 2 old		uint16	x	-	-		1.0.3		Message
4078	Parameter history 10 - Value 1 new		uint16	x	-	-		1.0.3		Message
4079	Parameter history 10 - Value 2 new		uint16	x	-	-		1.0.3		Message
4080	Parameter history 11 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4081	Parameter history 11 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4082	Parameter history 11 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4083	Parameter history 11 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4084	Parameter history 11 - Value 1 old		uint16	x	-	-		1.0.3		Message
4085	Parameter history 11 - Value 2 old		uint16	x	-	-		1.0.3		Message
4086	Parameter history 11 - Value 1 new		uint16	x	-	-		1.0.3		Message
4087	Parameter history 11 - Value 2 new		uint16	x	-	-		1.0.3		Message
4088	Parameter history 12 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4089	Parameter history 12 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4090	Parameter history 12 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4091	Parameter history 12 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4092	Parameter history 12 - Value 1 old		uint16	x	-	-		1.0.3		Message
4093	Parameter history 12 - Value 2 old		uint16	x	-	-		1.0.3		Message
4094	Parameter history 12 - Value 1 new		uint16	x	-	-		1.0.3		Message
4095	Parameter history 12 - Value 2 new		uint16	x	-	-		1.0.3		Message
4096	Parameter history 13 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4097	Parameter history 13 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4098	Parameter history 13 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4099	Parameter history 13 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message

4100	Parameter history 13 - Value 1 old		uint16	x	-	-		1.0.3		Message
4101	Parameter history 13 - Value 2 old		uint16	x	-	-		1.0.3		Message
4102	Parameter history 13 - Value 1 new		uint16	x	-	-		1.0.3		Message
4103	Parameter history 13 - Value 2 new		uint16	x	-	-		1.0.3		Message
4104	Parameter history 14 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4105	Parameter history 14 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4106	Parameter history 14 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4107	Parameter history 14 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4108	Parameter history 14 - Value 1 old		uint16	x	-	-		1.0.3		Message
4109	Parameter history 14 - Value 2 old		uint16	x	-	-		1.0.3		Message
4110	Parameter history 14 - Value 1 new		uint16	x	-	-		1.0.3		Message
4111	Parameter history 14 - Value 2 new		uint16	x	-	-		1.0.3		Message
4112	Parameter history 15 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4113	Parameter history 15 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4114	Parameter history 15 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4115	Parameter history 15- Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4116	Parameter history 15 - Value 1 old		uint16	x	-	-		1.0.3		Message
4117	Parameter history 15 - Value 2 old		uint16	x	-	-		1.0.3		Message
4118	Parameter history 15 - Value 1 new		uint16	x	-	-		1.0.3		Message
4119	Parameter history 15 - Value 2 new		uint16	x	-	-		1.0.3		Message
4120	Parameter history 16 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4121	Parameter history 16 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4122	Parameter history 16 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4123	Parameter history 16 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4124	Parameter history 16 - Value 1 old		uint16	x	-	-		1.0.3		Message
4125	Parameter history 16 - Value 2 old		uint16	x	-	-		1.0.3		Message
4126	Parameter history 16 - Value 1 new		uint16	x	-	-		1.0.3		Message
4127	Parameter history 16 - Value 2 new		uint16	x	-	-		1.0.3		Message
4128	Parameter history 17 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4129	Parameter history 17 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4130	Parameter history 17 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4131	Parameter history 17 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4132	Parameter history 17 - Value 1 old		uint16	x	-	-		1.0.3		Message
4133	Parameter history 17 - Value 2 old		uint16	x	-	-		1.0.3		Message
4134	Parameter history 17 - Value 1 new		uint16	x	-	-		1.0.3		Message
4135	Parameter history 17 - Value 2 new		uint16	x	-	-		1.0.3		Message
4136	Parameter history 18 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4137	Parameter history 18 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4138	Parameter history 18 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4139	Parameter history 18 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4140	Parameter history 18 - Value 1 old		uint16	x	-	-		1.0.3		Message
4141	Parameter history 18 - Value 2 old		uint16	x	-	-		1.0.3		Message
4142	Parameter history 18 - Value 1 new		uint16	x	-	-		1.0.3		Message
4143	Parameter history 18 - Value 2 new		uint16	x	-	-		1.0.3		Message
4144	Parameter history 19 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4145	Parameter history 19 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4146	Parameter history 19 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4147	Parameter history 19 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4148	Parameter history 19 - Value 1 old		uint16	x	-	-		1.0.3		Message
4149	Parameter history 19 - Value 2 old		uint16	x	-	-		1.0.3		Message
4150	Parameter history 19 - Value 1 new		uint16	x	-	-		1.0.3		Message
4151	Parameter history 19 - Value 2 new		uint16	x	-	-		1.0.3		Message
4152	Parameter history 20 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4153	Parameter history 20 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4154	Parameter history 20 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4155	Parameter history 20 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4156	Parameter history 20 - Value 1 old		uint16	x	-	-		1.0.3		Message
4157	Parameter history 20 - Value 2 old		uint16	x	-	-		1.0.3		Message
4158	Parameter history 20 - Value 1 new		uint16	x	-	-		1.0.3		Message
4159	Parameter history 20 - Value 2 new		uint16	x	-	-		1.0.3		Message
4160	Parameter history 21 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4161	Parameter history 21 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4162	Parameter history 21 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4163	Parameter history 21 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4164	Parameter history 21 - Value 1 old		uint16	x	-	-		1.0.3		Message
4165	Parameter history 21 - Value 2 old		uint16	x	-	-		1.0.3		Message
4166	Parameter history 21 - Value 1 new		uint16	x	-	-		1.0.3		Message
4167	Parameter history 21 - Value 2 new		uint16	x	-	-		1.0.3		Message
4168	Parameter history 22 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4169	Parameter history 22 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4170	Parameter history 22 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4171	Parameter history 22 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4172	Parameter history 22 - Value 1 old		uint16	x	-	-		1.0.3		Message
4173	Parameter history 22 - Value 2 old		uint16	x	-	-		1.0.3		Message
4174	Parameter history 22 - Value 1 new		uint16	x	-	-		1.0.3		Message
4175	Parameter history 22 - Value 2 new		uint16	x	-	-		1.0.3		Message
4176	Parameter history 23 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4177	Parameter history 23 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4178	Parameter history 23 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4179	Parameter history 23 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4180	Parameter history 23 - Value 1 old		uint16	x	-	-		1.0.3		Message
4181	Parameter history 23 - Value 2 old		uint16	x	-	-		1.0.3		Message
4182	Parameter history 23 - Value 1 new		uint16	x	-	-		1.0.3		Message
4183	Parameter history 23 - Value 2 new		uint16	x	-	-		1.0.3		Message
4184	Parameter history 24 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4185	Parameter history 24 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4186	Parameter history 24 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4187	Parameter history 24 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4188	Parameter history 24 - Value 1 old		uint16	x	-	-		1.0.3		Message
4189	Parameter history 24 - Value 2 old		uint16	x	-	-		1.0.3		Message

4190	Parameter history 24 - Value 1 new		uint16	x	-	-		1.0.3		Message
4191	Parameter history 24 - Value 2 new		uint16	x	-	-		1.0.3		Message
4192	Parameter history 25 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4193	Parameter history 25 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4194	Parameter history 25 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4195	Parameter history 25 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4196	Parameter history 25 - Value 1 old		uint16	x	-	-		1.0.3		Message
4197	Parameter history 25 - Value 2 old		uint16	x	-	-		1.0.3		Message
4198	Parameter history 25 - Value 1 new		uint16	x	-	-		1.0.3		Message
4199	Parameter history 25 - Value 2 new		uint16	x	-	-		1.0.3		Message
4200	Parameter history 26 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4201	Parameter history 26 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4202	Parameter history 26 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4203	Parameter history 26 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4204	Parameter history 26 - Value 1 old		uint16	x	-	-		1.0.3		Message
4205	Parameter history 26 - Value 2 old		uint16	x	-	-		1.0.3		Message
4206	Parameter history 26 - Value 1 new		uint16	x	-	-		1.0.3		Message
4207	Parameter history 26 - Value 2 new		uint16	x	-	-		1.0.3		Message
4208	Parameter history 27 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4209	Parameter history 27 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4210	Parameter history 27 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4211	Parameter history 27 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4212	Parameter history 27 - Value 1 old		uint16	x	-	-		1.0.3		Message
4213	Parameter history 27 - Value 2 old		uint16	x	-	-		1.0.3		Message
4214	Parameter history 27 - Value 1 new		uint16	x	-	-		1.0.3		Message
4215	Parameter history 27 - Value 2 new		uint16	x	-	-		1.0.3		Message
4216	Parameter history 28 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4217	Parameter history 28 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4218	Parameter history 28 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4219	Parameter history 28 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4220	Parameter history 28 - Value 1 old		uint16	x	-	-		1.0.3		Message
4221	Parameter history 28 - Value 2 old		uint16	x	-	-		1.0.3		Message
4222	Parameter history 28 - Value 1 new		uint16	x	-	-		1.0.3		Message
4223	Parameter history 28 - Value 2 new		uint16	x	-	-		1.0.3		Message
4224	Parameter history 29 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4225	Parameter history 29 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4226	Parameter history 29 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4227	Parameter history 29 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4228	Parameter history 29 - Value 1 old		uint16	x	-	-		1.0.3		Message
4229	Parameter history 29 - Value 2 old		uint16	x	-	-		1.0.3		Message
4230	Parameter history 29 - Value 1 new		uint16	x	-	-		1.0.3		Message
4231	Parameter history 29 - Value 2 new		uint16	x	-	-		1.0.3		Message
4232	Parameter history 30 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4233	Parameter history 30 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4234	Parameter history 30 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4235	Parameter history 30 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4236	Parameter history 30 - Value 1 old		uint16	x	-	-		1.0.3		Message
4237	Parameter history 30 - Value 2 old		uint16	x	-	-		1.0.3		Message
4238	Parameter history 30 - Value 1 new		uint16	x	-	-		1.0.3		Message
4239	Parameter history 30 - Value 2 new		uint16	x	-	-		1.0.3		Message
4240	Parameter history 31 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4241	Parameter history 31 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4242	Parameter history 31 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4243	Parameter history 31 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4244	Parameter history 31 - Value 1 old		uint16	x	-	-		1.0.3		Message
4245	Parameter history 31 - Value 2 old		uint16	x	-	-		1.0.3		Message
4246	Parameter history 31 - Value 1 new		uint16	x	-	-		1.0.3		Message
4247	Parameter history 31 - Value 2 new		uint16	x	-	-		1.0.3		Message
4248	Parameter history 32 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4249	Parameter history 32 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4250	Parameter history 32 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4251	Parameter history 32 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4252	Parameter history 32 - Value 1 old		uint16	x	-	-		1.0.3		Message
4253	Parameter history 32 - Value 2 old		uint16	x	-	-		1.0.3		Message
4254	Parameter history 32 - Value 1 new		uint16	x	-	-		1.0.3		Message
4255	Parameter history 32 - Value 2 new		uint16	x	-	-		1.0.3		Message
4256	Parameter history 33 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4257	Parameter history 33 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4258	Parameter history 33 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4259	Parameter history 33 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4260	Parameter history 33 - Value 1 old		uint16	x	-	-		1.0.3		Message
4261	Parameter history 33 - Value 2 old		uint16	x	-	-		1.0.3		Message
4262	Parameter history 33 - Value 1 new		uint16	x	-	-		1.0.3		Message
4263	Parameter history 33 - Value 2 new		uint16	x	-	-		1.0.3		Message
4264	Parameter history 34 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4265	Parameter history 34 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4266	Parameter history 34 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4267	Parameter history 34 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4268	Parameter history 34 - Value 1 old		uint16	x	-	-		1.0.3		Message
4269	Parameter history 34 - Value 2 old		uint16	x	-	-		1.0.3		Message
4270	Parameter history 34 - Value 1 new		uint16	x	-	-		1.0.3		Message
4271	Parameter history 34 - Value 2 new		uint16	x	-	-		1.0.3		Message
4272	Parameter history 35 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4273	Parameter history 35 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4274	Parameter history 35 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4275	Parameter history 35 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4276	Parameter history 35 - Value 1 old		uint16	x	-	-		1.0.3		Message
4277	Parameter history 35 - Value 2 old		uint16	x	-	-		1.0.3		Message
4278	Parameter history 35 - Value 1 new		uint16	x	-	-		1.0.3		Message
4279	Parameter history 35 - Value 2 new		uint16	x	-	-		1.0.3		Message

4280	Parameter history 36 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4281	Parameter history 36 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4282	Parameter history 36 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4283	Parameter history 36 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4284	Parameter history 36 - Value 1 old		uint16	x	-	-		1.0.3		Message
4285	Parameter history 36 - Value 2 old		uint16	x	-	-		1.0.3		Message
4286	Parameter history 36 - Value 1 new		uint16	x	-	-		1.0.3		Message
4287	Parameter history 36 - Value 2 new		uint16	x	-	-		1.0.3		Message
4288	Parameter history 37 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4289	Parameter history 37 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4290	Parameter history 37 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4291	Parameter history 37 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4292	Parameter history 37 - Value 1 old		uint16	x	-	-		1.0.3		Message
4293	Parameter history 37 - Value 2 old		uint16	x	-	-		1.0.3		Message
4294	Parameter history 37 - Value 1 new		uint16	x	-	-		1.0.3		Message
4295	Parameter history 37 - Value 2 new		uint16	x	-	-		1.0.3		Message
4296	Parameter history 38 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4297	Parameter history 38 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4298	Parameter history 38 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4299	Parameter history 38 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4300	Parameter history 38 - Value 1 old		uint16	x	-	-		1.0.3		Message
4301	Parameter history 38 - Value 2 old		uint16	x	-	-		1.0.3		Message
4302	Parameter history 38 - Value 1 new		uint16	x	-	-		1.0.3		Message
4303	Parameter history 38 - Value 2 new		uint16	x	-	-		1.0.3		Message
4304	Parameter history 39 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4305	Parameter history 39 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4306	Parameter history 39 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4307	Parameter history 39 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4308	Parameter history 39 - Value 1 old		uint16	x	-	-		1.0.3		Message
4309	Parameter history 39 - Value 2 old		uint16	x	-	-		1.0.3		Message
4310	Parameter history 39 - Value 1 new		uint16	x	-	-		1.0.3		Message
4311	Parameter history 39 - Value 2 new		uint16	x	-	-		1.0.3		Message
4312	Parameter history 40 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4313	Parameter history 40 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4314	Parameter history 40 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4315	Parameter history 40 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4316	Parameter history 40 - Value 1 old		uint16	x	-	-		1.0.3		Message
4317	Parameter history 40 - Value 2 old		uint16	x	-	-		1.0.3		Message
4318	Parameter history 40 - Value 1 new		uint16	x	-	-		1.0.3		Message
4319	Parameter history 40 - Value 2 new		uint16	x	-	-		1.0.3		Message
4320	Parameter history 41 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4321	Parameter history 41 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4322	Parameter history 41 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4323	Parameter history 41 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4324	Parameter history 41 - Value 1 old		uint16	x	-	-		1.0.3		Message
4325	Parameter history 41 - Value 2 old		uint16	x	-	-		1.0.3		Message
4326	Parameter history 41 - Value 1 new		uint16	x	-	-		1.0.3		Message
4327	Parameter history 41 - Value 2 new		uint16	x	-	-		1.0.3		Message
4328	Parameter history 42 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4329	Parameter history 42 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4330	Parameter history 42 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4331	Parameter history 42 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4332	Parameter history 42 - Value 1 old		uint16	x	-	-		1.0.3		Message
4333	Parameter history 42 - Value 2 old		uint16	x	-	-		1.0.3		Message
4334	Parameter history 42 - Value 1 new		uint16	x	-	-		1.0.3		Message
4335	Parameter history 42 - Value 2 new		uint16	x	-	-		1.0.3		Message
4336	Parameter history 43 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4337	Parameter history 43 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4338	Parameter history 43 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4339	Parameter history 43 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4340	Parameter history 43 - Value 1 old		uint16	x	-	-		1.0.3		Message
4341	Parameter history 43 - Value 2 old		uint16	x	-	-		1.0.3		Message
4342	Parameter history 43 - Value 1 new		uint16	x	-	-		1.0.3		Message
4343	Parameter history 43 - Value 2 new		uint16	x	-	-		1.0.3		Message
4344	Parameter history 44 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4345	Parameter history 44 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4346	Parameter history 44 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4347	Parameter history 44 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4348	Parameter history 44 - Value 1 old		uint16	x	-	-		1.0.3		Message
4349	Parameter history 44 - Value 2 old		uint16	x	-	-		1.0.3		Message
4350	Parameter history 44 - Value 1 new		uint16	x	-	-		1.0.3		Message
4351	Parameter history 44 - Value 2 new		uint16	x	-	-		1.0.3		Message
4352	Parameter history 45 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4353	Parameter history 45 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4354	Parameter history 45 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4355	Parameter history 45 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4356	Parameter history 45 - Value 1 old		uint16	x	-	-		1.0.3		Message
4357	Parameter history 45 - Value 2 old		uint16	x	-	-		1.0.3		Message
4358	Parameter history 45 - Value 1 new		uint16	x	-	-		1.0.3		Message
4359	Parameter history 45 - Value 2 new		uint16	x	-	-		1.0.3		Message
4360	Parameter history 46 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4361	Parameter history 46 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4362	Parameter history 46 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4363	Parameter history 46 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4364	Parameter history 46 - Value 1 old		uint16	x	-	-		1.0.3		Message
4365	Parameter history 46 - Value 2 old		uint16	x	-	-		1.0.3		Message
4366	Parameter history 46 - Value 1 new		uint16	x	-	-		1.0.3		Message
4367	Parameter history 46 - Value 2 new		uint16	x	-	-		1.0.3		Message
4368	Parameter history 47 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4369	Parameter history 47 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message

4370	Parameter history 47 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4371	Parameter history 47 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4372	Parameter history 47 - Value 1 old		uint16	x	-	-		1.0.3		Message
4373	Parameter history 47 - Value 2 old		uint16	x	-	-		1.0.3		Message
4374	Parameter history 47 - Value 1 new		uint16	x	-	-		1.0.3		Message
4375	Parameter history 47 - Value 2 new		uint16	x	-	-		1.0.3		Message
4376	Parameter history 48 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4377	Parameter history 48 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4378	Parameter history 48 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4379	Parameter history 48 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4380	Parameter history 48 - Value 1 old		uint16	x	-	-		1.0.3		Message
4381	Parameter history 48 - Value 2 old		uint16	x	-	-		1.0.3		Message
4382	Parameter history 48 - Value 1 new		uint16	x	-	-		1.0.3		Message
4383	Parameter history 48 - Value 2 new		uint16	x	-	-		1.0.3		Message
4384	Parameter history 49 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4385	Parameter history 49 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4386	Parameter history 49 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4387	Parameter history 49 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4388	Parameter history 49 - Value 1 old		uint16	x	-	-		1.0.3		Message
4389	Parameter history 49 - Value 2 old		uint16	x	-	-		1.0.3		Message
4390	Parameter history 49 - Value 1 new		uint16	x	-	-		1.0.3		Message
4391	Parameter history 49 - Value 2 new		uint16	x	-	-		1.0.3		Message
4392	Parameter history 50 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4393	Parameter history 50 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4394	Parameter history 50 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4395	Parameter history 50 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4396	Parameter history 50 - Value 1 old		uint16	x	-	-		1.0.3		Message
4397	Parameter history 50 - Value 2 old		uint16	x	-	-		1.0.3		Message
4398	Parameter history 50 - Value 1 new		uint16	x	-	-		1.0.3		Message
4399	Parameter history 50 - Value 2 new		uint16	x	-	-		1.0.3		Message
4400	Parameter history 51 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4401	Parameter history 51 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4402	Parameter history 51 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4403	Parameter history 51 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4404	Parameter history 51 - Value 1 old		uint16	x	-	-		1.0.3		Message
4405	Parameter history 51 - Value 2 old		uint16	x	-	-		1.0.3		Message
4406	Parameter history 51 - Value 1 new		uint16	x	-	-		1.0.3		Message
4407	Parameter history 51 - Value 2 new		uint16	x	-	-		1.0.3		Message
4408	Parameter history 52 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4409	Parameter history 52 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4410	Parameter history 52 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4411	Parameter history 52 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4412	Parameter history 52 - Value 1 old		uint16	x	-	-		1.0.3		Message
4413	Parameter history 52 - Value 2 old		uint16	x	-	-		1.0.3		Message
4414	Parameter history 52 - Value 1 new		uint16	x	-	-		1.0.3		Message
4415	Parameter history 52 - Value 2 new		uint16	x	-	-		1.0.3		Message
4416	Parameter history 53 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4417	Parameter history 53 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4418	Parameter history 53 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4419	Parameter history 53 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4420	Parameter history 53 - Value 1 old		uint16	x	-	-		1.0.3		Message
4421	Parameter history 53 - Value 2 old		uint16	x	-	-		1.0.3		Message
4422	Parameter history 53 - Value 1 new		uint16	x	-	-		1.0.3		Message
4423	Parameter history 53 - Value 2 new		uint16	x	-	-		1.0.3		Message
4424	Parameter history 54 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4425	Parameter history 54 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4426	Parameter history 54 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4427	Parameter history 54 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4428	Parameter history 54 - Value 1 old		uint16	x	-	-		1.0.3		Message
4429	Parameter history 54 - Value 2 old		uint16	x	-	-		1.0.3		Message
4430	Parameter history 54 - Value 1 new		uint16	x	-	-		1.0.3		Message
4431	Parameter history 54 - Value 2 new		uint16	x	-	-		1.0.3		Message
4432	Parameter history 55 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4433	Parameter history 55 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4434	Parameter history 55 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4435	Parameter history 55 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4436	Parameter history 55 - Value 1 old		uint16	x	-	-		1.0.3		Message
4437	Parameter history 55 - Value 2 old		uint16	x	-	-		1.0.3		Message
4438	Parameter history 55 - Value 1 new		uint16	x	-	-		1.0.3		Message
4439	Parameter history 55 - Value 2 new		uint16	x	-	-		1.0.3		Message
4440	Parameter history 56 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4441	Parameter history 56 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4442	Parameter history 56 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4443	Parameter history 56 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4444	Parameter history 56 - Value 1 old		uint16	x	-	-		1.0.3		Message
4445	Parameter history 56 - Value 2 old		uint16	x	-	-		1.0.3		Message
4446	Parameter history 56 - Value 1 new		uint16	x	-	-		1.0.3		Message
4447	Parameter history 56 - Value 2 new		uint16	x	-	-		1.0.3		Message
4448	Parameter history 57 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4449	Parameter history 57 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4450	Parameter history 57 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4451	Parameter history 57 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4452	Parameter history 57 - Value 1 old		uint16	x	-	-		1.0.3		Message
4453	Parameter history 57 - Value 2 old		uint16	x	-	-		1.0.3		Message
4454	Parameter history 57 - Value 1 new		uint16	x	-	-		1.0.3		Message
4455	Parameter history 57 - Value 2 new		uint16	x	-	-		1.0.3		Message
4456	Parameter history 58 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4457	Parameter history 58 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4458	Parameter history 58 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message

4459	Parameter history 58 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4460	Parameter history 58 - Value 1 old		uint16	x	-	-		1.0.3		Message
4461	Parameter history 58 - Value 2 old		uint16	x	-	-		1.0.3		Message
4462	Parameter history 58 - Value 1 new		uint16	x	-	-		1.0.3		Message
4463	Parameter history 58 - Value 2 new		uint16	x	-	-		1.0.3		Message
4464	Parameter history 59 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4465	Parameter history 59 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4466	Parameter history 59 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4467	Parameter history 59 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4468	Parameter history 59 - Value 1 old		uint16	x	-	-		1.0.3		Message
4469	Parameter history 59 - Value 2 old		uint16	x	-	-		1.0.3		Message
4470	Parameter history 59 - Value 1 new		uint16	x	-	-		1.0.3		Message
4471	Parameter history 59 - Value 2 new		uint16	x	-	-		1.0.3		Message
4472	Parameter history 60 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4473	Parameter history 60 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4474	Parameter history 60 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4475	Parameter history 60 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4476	Parameter history 60 - Value 1 old		uint16	x	-	-		1.0.3		Message
4477	Parameter history 60 - Value 2 old		uint16	x	-	-		1.0.3		Message
4478	Parameter history 60 - Value 1 new		uint16	x	-	-		1.0.3		Message
4479	Parameter history 60 - Value 2 new		uint16	x	-	-		1.0.3		Message
4480	Parameter history 61 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4481	Parameter history 61 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4482	Parameter history 61 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4483	Parameter history 61 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4484	Parameter history 61 - Value 1 old		uint16	x	-	-		1.0.3		Message
4485	Parameter history 61 - Value 2 old		uint16	x	-	-		1.0.3		Message
4486	Parameter history 61 - Value 1 new		uint16	x	-	-		1.0.3		Message
4487	Parameter history 61 - Value 2 new		uint16	x	-	-		1.0.3		Message
4488	Parameter history 62 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4489	Parameter history 62 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4490	Parameter history 62 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4491	Parameter history 62 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4492	Parameter history 62 - Value 1 old		uint16	x	-	-		1.0.3		Message
4493	Parameter history 62 - Value 2 old		uint16	x	-	-		1.0.3		Message
4494	Parameter history 62 - Value 1 new		uint16	x	-	-		1.0.3		Message
4495	Parameter history 62 - Value 2 new		uint16	x	-	-		1.0.3		Message
4496	Parameter history 63 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4497	Parameter history 63 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4498	Parameter history 63 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4499	Parameter history 63 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4500	Parameter history 63 - Value 1 old		uint16	x	-	-		1.0.3		Message
4501	Parameter history 63 - Value 2 old		uint16	x	-	-		1.0.3		Message
4502	Parameter history 63 - Value 1 new		uint16	x	-	-		1.0.3		Message
4503	Parameter history 63 - Value 2 new		uint16	x	-	-		1.0.3		Message
4504	Parameter history 64 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4505	Parameter history 64 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4506	Parameter history 64 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4507	Parameter history 64 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4508	Parameter history 64 - Value 1 old		uint16	x	-	-		1.0.3		Message
4509	Parameter history 64 - Value 2 old		uint16	x	-	-		1.0.3		Message
4510	Parameter history 64 - Value 1 new		uint16	x	-	-		1.0.3		Message
4511	Parameter history 64 - Value 2 new		uint16	x	-	-		1.0.3		Message
4512	Parameter history 65 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4513	Parameter history 65 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4514	Parameter history 65 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4515	Parameter history 65 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4516	Parameter history 65 - Value 1 old		uint16	x	-	-		1.0.3		Message
4517	Parameter history 65 - Value 2 old		uint16	x	-	-		1.0.3		Message
4518	Parameter history 65 - Value 1 new		uint16	x	-	-		1.0.3		Message
4519	Parameter history 65 - Value 2 new		uint16	x	-	-		1.0.3		Message
4520	Parameter history 66 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4521	Parameter history 66 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4522	Parameter history 66 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4523	Parameter history 66 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4524	Parameter history 66 - Value 1 old		uint16	x	-	-		1.0.3		Message
4525	Parameter history 66 - Value 2 old		uint16	x	-	-		1.0.3		Message
4526	Parameter history 66 - Value 1 new		uint16	x	-	-		1.0.3		Message
4527	Parameter history 66 - Value 2 new		uint16	x	-	-		1.0.3		Message
4528	Parameter history 67 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4529	Parameter history 67 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4530	Parameter history 67 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4531	Parameter history 67 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4532	Parameter history 67 - Value 1 old		uint16	x	-	-		1.0.3		Message
4533	Parameter history 67 - Value 2 old		uint16	x	-	-		1.0.3		Message
4534	Parameter history 67 - Value 1 new		uint16	x	-	-		1.0.3		Message
4535	Parameter history 67 - Value 2 new		uint16	x	-	-		1.0.3		Message
4536	Parameter history 68 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4537	Parameter history 68 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4538	Parameter history 68 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4539	Parameter history 68 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4540	Parameter history 68 - Value 1 old		uint16	x	-	-		1.0.3		Message
4541	Parameter history 68 - Value 2 old		uint16	x	-	-		1.0.3		Message
4542	Parameter history 68 - Value 1 new		uint16	x	-	-		1.0.3		Message
4543	Parameter history 68 - Value 2 new		uint16	x	-	-		1.0.3		Message
4544	Parameter history 69 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4545	Parameter history 69 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4546	Parameter history 69 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4547	Parameter history 69 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message

4548	Parameter history 69 - Value 1 old		uint16	x	-	-		1.0.3		Message
4549	Parameter history 69 - Value 2 old		uint16	x	-	-		1.0.3		Message
4550	Parameter history 69 - Value 1 new		uint16	x	-	-		1.0.3		Message
4551	Parameter history 69 - Value 2 new		uint16	x	-	-		1.0.3		Message
4552	Parameter history 70 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4553	Parameter history 70 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4554	Parameter history 70 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4555	Parameter history 70 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4556	Parameter history 70 - Value 1 old		uint16	x	-	-		1.0.3		Message
4557	Parameter history 70 - Value 2 old		uint16	x	-	-		1.0.3		Message
4558	Parameter history 70 - Value 1 new		uint16	x	-	-		1.0.3		Message
4559	Parameter history 70 - Value 2 new		uint16	x	-	-		1.0.3		Message
4560	Parameter history 71 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4561	Parameter history 71 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4562	Parameter history 71 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4563	Parameter history 71 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4564	Parameter history 71 - Value 1 old		uint16	x	-	-		1.0.3		Message
4565	Parameter history 71 - Value 2 old		uint16	x	-	-		1.0.3		Message
4566	Parameter history 71 - Value 1 new		uint16	x	-	-		1.0.3		Message
4567	Parameter history 71 - Value 2 new		uint16	x	-	-		1.0.3		Message
4568	Parameter history 72 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4569	Parameter history 72 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4570	Parameter history 72 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4571	Parameter history 72 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4572	Parameter history 72 - Value 1 old		uint16	x	-	-		1.0.3		Message
4573	Parameter history 72 - Value 2 old		uint16	x	-	-		1.0.3		Message
4574	Parameter history 72 - Value 1 new		uint16	x	-	-		1.0.3		Message
4575	Parameter history 72 - Value 2 new		uint16	x	-	-		1.0.3		Message
4576	Parameter history 73 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4577	Parameter history 73 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4578	Parameter history 73 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4579	Parameter history 73 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4580	Parameter history 73 - Value 1 old		uint16	x	-	-		1.0.3		Message
4581	Parameter history 73 - Value 2 old		uint16	x	-	-		1.0.3		Message
4582	Parameter history 73 - Value 1 new		uint16	x	-	-		1.0.3		Message
4583	Parameter history 73 - Value 2 new		uint16	x	-	-		1.0.3		Message
4584	Parameter history 74 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4585	Parameter history 74 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4586	Parameter history 74 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4587	Parameter history 74 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4588	Parameter history 74 - Value 1 old		uint16	x	-	-		1.0.3		Message
4589	Parameter history 74 - Value 2 old		uint16	x	-	-		1.0.3		Message
4590	Parameter history 74 - Value 1 new		uint16	x	-	-		1.0.3		Message
4591	Parameter history 74 - Value 2 new		uint16	x	-	-		1.0.3		Message
4592	Parameter history 75 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4593	Parameter history 75 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4594	Parameter history 75 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4595	Parameter history 75 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4596	Parameter history 75 - Value 1 old		uint16	x	-	-		1.0.3		Message
4597	Parameter history 75 - Value 2 old		uint16	x	-	-		1.0.3		Message
4598	Parameter history 75 - Value 1 new		uint16	x	-	-		1.0.3		Message
4599	Parameter history 75 - Value 2 new		uint16	x	-	-		1.0.3		Message
4600	Parameter history 76 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4601	Parameter history 76 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4602	Parameter history 76 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4603	Parameter history 76 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4604	Parameter history 76 - Value 1 old		uint16	x	-	-		1.0.3		Message
4605	Parameter history 76 - Value 2 old		uint16	x	-	-		1.0.3		Message
4606	Parameter history 76 - Value 1 new		uint16	x	-	-		1.0.3		Message
4607	Parameter history 76 - Value 2 new		uint16	x	-	-		1.0.3		Message
4608	Parameter history 77 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4609	Parameter history 77 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4610	Parameter history 77 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4611	Parameter history 77 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4612	Parameter history 77 - Value 1 old		uint16	x	-	-		1.0.3		Message
4613	Parameter history 77 - Value 2 old		uint16	x	-	-		1.0.3		Message
4614	Parameter history 77 - Value 1 new		uint16	x	-	-		1.0.3		Message
4615	Parameter history 77 - Value 2 new		uint16	x	-	-		1.0.3		Message
4616	Parameter history 78 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4617	Parameter history 78 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4618	Parameter history 78 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4619	Parameter history 78 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4620	Parameter history 78 - Value 1 old		uint16	x	-	-		1.0.3		Message
4621	Parameter history 78 - Value 2 old		uint16	x	-	-		1.0.3		Message
4622	Parameter history 78 - Value 1 new		uint16	x	-	-		1.0.3		Message
4623	Parameter history 78 - Value 2 new		uint16	x	-	-		1.0.3		Message
4624	Parameter history 79 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4625	Parameter history 79 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4626	Parameter history 79 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4627	Parameter history 79 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4628	Parameter history 79 - Value 1 old		uint16	x	-	-		1.0.3		Message
4629	Parameter history 79 - Value 2 old		uint16	x	-	-		1.0.3		Message
4630	Parameter history 79 - Value 1 new		uint16	x	-	-		1.0.3		Message
4631	Parameter history 79 - Value 2 new		uint16	x	-	-		1.0.3		Message
4632	Parameter history 80 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4633	Parameter history 80 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4634	Parameter history 80 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4635	Parameter history 80 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4636	Parameter history 80 - Value 1 old		uint16	x	-	-		1.0.3		Message
4637	Parameter history 80 - Value 2 old		uint16	x	-	-		1.0.3		Message

4638	Parameter history 80 - Value 1 new		uint16	x	-	-		1.0.3		Message
4639	Parameter history 80 - Value 2 new		uint16	x	-	-		1.0.3		Message
4640	Parameter history 81 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4641	Parameter history 81 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4642	Parameter history 81 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4643	Parameter history 81 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4644	Parameter history 81 - Value 1 old		uint16	x	-	-		1.0.3		Message
4645	Parameter history 81 - Value 2 old		uint16	x	-	-		1.0.3		Message
4646	Parameter history 81 - Value 1 new		uint16	x	-	-		1.0.3		Message
4647	Parameter history 81 - Value 2 new		uint16	x	-	-		1.0.3		Message
4648	Parameter history 82 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4649	Parameter history 82 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4650	Parameter history 82 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4651	Parameter history 82 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4652	Parameter history 82 - Value 1 old		uint16	x	-	-		1.0.3		Message
4653	Parameter history 82 - Value 2 old		uint16	x	-	-		1.0.3		Message
4654	Parameter history 82 - Value 1 new		uint16	x	-	-		1.0.3		Message
4655	Parameter history 82 - Value 2 new		uint16	x	-	-		1.0.3		Message
4656	Parameter history 83 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4657	Parameter history 83 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4658	Parameter history 83 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4659	Parameter history 83 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4660	Parameter history 83 - Value 1 old		uint16	x	-	-		1.0.3		Message
4661	Parameter history 83 - Value 2 old		uint16	x	-	-		1.0.3		Message
4662	Parameter history 83 - Value 1 new		uint16	x	-	-		1.0.3		Message
4663	Parameter history 83 - Value 2 new		uint16	x	-	-		1.0.3		Message
4664	Parameter history 84 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4665	Parameter history 84 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4666	Parameter history 84 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4667	Parameter history 84 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4668	Parameter history 84 - Value 1 old		uint16	x	-	-		1.0.3		Message
4669	Parameter history 84 - Value 2 old		uint16	x	-	-		1.0.3		Message
4670	Parameter history 84 - Value 1 new		uint16	x	-	-		1.0.3		Message
4671	Parameter history 84 - Value 2 new		uint16	x	-	-		1.0.3		Message
4672	Parameter history 85 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4673	Parameter history 85 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4674	Parameter history 85 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4675	Parameter history 85 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4676	Parameter history 85 - Value 1 old		uint16	x	-	-		1.0.3		Message
4677	Parameter history 85 - Value 2 old		uint16	x	-	-		1.0.3		Message
4678	Parameter history 85 - Value 1 new		uint16	x	-	-		1.0.3		Message
4679	Parameter history 85 - Value 2 new		uint16	x	-	-		1.0.3		Message
4680	Parameter history 86 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4681	Parameter history 86 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4682	Parameter history 86 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4683	Parameter history 86 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4684	Parameter history 86 - Value 1 old		uint16	x	-	-		1.0.3		Message
4685	Parameter history 86 - Value 2 old		uint16	x	-	-		1.0.3		Message
4686	Parameter history 86 - Value 1 new		uint16	x	-	-		1.0.3		Message
4687	Parameter history 86 - Value 2 new		uint16	x	-	-		1.0.3		Message
4688	Parameter history 87 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4689	Parameter history 87 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4690	Parameter history 87 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4691	Parameter history 87 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4692	Parameter history 87 - Value 1 old		uint16	x	-	-		1.0.3		Message
4693	Parameter history 87 - Value 2 old		uint16	x	-	-		1.0.3		Message
4694	Parameter history 87 - Value 1 new		uint16	x	-	-		1.0.3		Message
4695	Parameter history 87 - Value 2 new		uint16	x	-	-		1.0.3		Message
4696	Parameter history 88 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4697	Parameter history 88 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4698	Parameter history 88 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4699	Parameter history 88 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4700	Parameter history 88 - Value 1 old		uint16	x	-	-		1.0.3		Message
4701	Parameter history 88 - Value 2 old		uint16	x	-	-		1.0.3		Message
4702	Parameter history 88 - Value 1 new		uint16	x	-	-		1.0.3		Message
4703	Parameter history 88 - Value 2 new		uint16	x	-	-		1.0.3		Message
4704	Parameter history 89 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4705	Parameter history 89 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4706	Parameter history 89 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4707	Parameter history 89 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4708	Parameter history 89 - Value 1 old		uint16	x	-	-		1.0.3		Message
4709	Parameter history 89 - Value 2 old		uint16	x	-	-		1.0.3		Message
4710	Parameter history 89 - Value 1 new		uint16	x	-	-		1.0.3		Message
4711	Parameter history 89 - Value 2 new		uint16	x	-	-		1.0.3		Message
4712	Parameter history 90 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4713	Parameter history 90 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4714	Parameter history 90 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4715	Parameter history 90 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4716	Parameter history 90 - Value 1 old		uint16	x	-	-		1.0.3		Message
4717	Parameter history 90 - Value 2 old		uint16	x	-	-		1.0.3		Message
4718	Parameter history 90 - Value 1 new		uint16	x	-	-		1.0.3		Message
4719	Parameter history 90 - Value 2 new		uint16	x	-	-		1.0.3		Message
4720	Parameter history 91 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4721	Parameter history 91 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4722	Parameter history 91 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4723	Parameter history 91 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4724	Parameter history 91 - Value 1 old		uint16	x	-	-		1.0.3		Message
4725	Parameter history 91 - Value 2 old		uint16	x	-	-		1.0.3		Message
4726	Parameter history 91 - Value 1 new		uint16	x	-	-		1.0.3		Message
4727	Parameter history 91 - Value 2 new		uint16	x	-	-		1.0.3		Message

4728	Parameter history 92 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4729	Parameter history 92 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4730	Parameter history 92 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4731	Parameter history 92 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4732	Parameter history 92 - Value 1 old		uint16	x	-	-		1.0.3		Message
4733	Parameter history 92 - Value 2 old		uint16	x	-	-		1.0.3		Message
4734	Parameter history 92 - Value 1 new		uint16	x	-	-		1.0.3		Message
4735	Parameter history 92 - Value 2 new		uint16	x	-	-		1.0.3		Message
4736	Parameter history 93 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4737	Parameter history 93 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4738	Parameter history 93 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4739	Parameter history 93 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4740	Parameter history 93 - Value 1 old		uint16	x	-	-		1.0.3		Message
4741	Parameter history 93 - Value 2 old		uint16	x	-	-		1.0.3		Message
4742	Parameter history 93 - Value 1 new		uint16	x	-	-		1.0.3		Message
4743	Parameter history 93 - Value 2 new		uint16	x	-	-		1.0.3		Message
4744	Parameter history 94 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4745	Parameter history 94 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4746	Parameter history 94 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4747	Parameter history 94 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4748	Parameter history 94 - Value 1 old		uint16	x	-	-		1.0.3		Message
4749	Parameter history 94 - Value 2 old		uint16	x	-	-		1.0.3		Message
4750	Parameter history 94 - Value 1 new		uint16	x	-	-		1.0.3		Message
4751	Parameter history 94 - Value 2 new		uint16	x	-	-		1.0.3		Message
4752	Parameter history 95 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4753	Parameter history 95 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4754	Parameter history 95 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4755	Parameter history 95 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4756	Parameter history 95 - Value 1 old		uint16	x	-	-		1.0.3		Message
4757	Parameter history 95 - Value 2 old		uint16	x	-	-		1.0.3		Message
4758	Parameter history 95 - Value 1 new		uint16	x	-	-		1.0.3		Message
4759	Parameter history 95 - Value 2 new		uint16	x	-	-		1.0.3		Message
4760	Parameter history 96 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4761	Parameter history 96 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4762	Parameter history 96 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4763	Parameter history 96 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4764	Parameter history 96 - Value 1 old		uint16	x	-	-		1.0.3		Message
4765	Parameter history 96 - Value 2 old		uint16	x	-	-		1.0.3		Message
4766	Parameter history 96 - Value 1 new		uint16	x	-	-		1.0.3		Message
4767	Parameter history 96 - Value 2 new		uint16	x	-	-		1.0.3		Message
4768	Parameter history 97 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4769	Parameter history 97 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4770	Parameter history 97 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4771	Parameter history 97 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4772	Parameter history 97 - Value 1 old		uint16	x	-	-		1.0.3		Message
4773	Parameter history 97 - Value 2 old		uint16	x	-	-		1.0.3		Message
4774	Parameter history 97 - Value 1 new		uint16	x	-	-		1.0.3		Message
4775	Parameter history 97 - Value 2 new		uint16	x	-	-		1.0.3		Message
4776	Parameter history 98 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4777	Parameter history 98 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4778	Parameter history 98 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4779	Parameter history 98 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4780	Parameter history 98 - Value 1 old		uint16	x	-	-		1.0.3		Message
4781	Parameter history 98 - Value 2 old		uint16	x	-	-		1.0.3		Message
4782	Parameter history 98 - Value 1 new		uint16	x	-	-		1.0.3		Message
4783	Parameter history 98 - Value 2 new		uint16	x	-	-		1.0.3		Message
4784	Parameter history 99 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4785	Parameter history 99 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4786	Parameter history 99 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4787	Parameter history 99 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4788	Parameter history 99 - Value 1 old		uint16	x	-	-		1.0.3		Message
4789	Parameter history 99 - Value 2 old		uint16	x	-	-		1.0.3		Message
4790	Parameter history 99 - Value 1 new		uint16	x	-	-		1.0.3		Message
4791	Parameter history 99 - Value 2 new		uint16	x	-	-		1.0.3		Message
4792	Parameter history 100 - Funct./Param	Values: tab "Parameter history ID's"	uint16	x	-	-		1.0.3		Message
4793	Parameter history 100 - Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		1.0.3		Message
4794	Parameter history 100 - Time	Hour * 100 + Minute	uint16	x	-	-		1.0.3		Message
4795	Parameter history 100 - Parameter type	Values: tab "Parameter type ID's"	uint16	x	-	-		1.0.3		Message
4796	Parameter history 100 - Value 1 old		uint16	x	-	-		1.0.3		Message
4797	Parameter history 100 - Value 2 old		uint16	x	-	-		1.0.3		Message
4798	Parameter history 100 - Value 1 new		uint16	x	-	-		1.0.3		Message
4799	Parameter history 100 - Value 2 new		uint16	x	-	-		1.0.3		Message

Only at Modbus Gateway

Reg.	Name	Note	Type	read	write User	write Spec.	Technical field	Ab FW	Write Interval > 12min (20Y EEPROM)	Group
6013	Bootloader FW Version - Major release	Major release	uint16	x	-	-		3.0.x		Server 1
6014	Bootloader FW Version - Minor release	Minor release	uint16	x	-	-		3.0.x		Server 1
6015	Bootloader FW Version - patch level	Patch level	uint16	x	-	-		3.0.x		Server 1
6362	Operating mode primary pump	0: manual mode 1: automatic mode	uint8	x	x	x	PWM signal	2.1.4		Server 1
6363	Operating mode circulation pump	0: manual mode 1: automatic mode	uint8	x	x	x	PWM signal	2.1.4		Server 1
6364	Operating mode output R1	0: manual mode 1: automatic mode	uint8	x	x	x		2.1.4		Server 1
6365	Operating mode output R2	0: manual mode 1: automatic mode	uint8	x	x	x		2.1.4		Server 1
6366	Operating mode output R3	0: manual mode 1: automatic mode	uint8	x	x	x		2.1.4		Server 1
6367	Operating mode input S1	0: manual mode 1: automatic mode	uint8	x	x	x		2.1.4		Server 1
6368	Operating mode input S2	0: manual mode 1: automatic mode	uint8	x	x	x		2.1.4		Server 1
6369	Operating mode input S3	0: manual mode 1: automatic mode	uint8	x	x	x		2.1.4		Server 1
6370	Operating mode input S4	0: manual mode 1: automatic mode	uint8	x	x	x		2.1.4		Server 1
6371	Operating mode VFS/US T - Connector 1	0: manual mode 1: automatic mode	uint8	x	x	x		2.1.4		Server 1
6372	Operating mode VFS/US V - Connector 1	0: manual mode 1: automatic mode	uint8	x	x	x		2.1.4		Server 1
6373	Operating mode VFS/US T - Connector 2	0: manual mode 1: automatic mode	uint8	x	x	x		2.1.4		Server 1
6374	Operating mode VFS/US V - Connector 2	0: manual mode 1: automatic mode	uint8	x	x	x		2.1.4		Server 1
6500	S1	Resolution 0.1 °C 9999: Unterbrechung -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 Raw data	2.1.4	x (manual mode)	Server 1
6501	S2	Resolution 0.1 °C 9999: Unterbrechung -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 Raw data	2.1.4	x (manual mode)	Server 1
6502	S3	Resolution 0.1 °C 9999: Unterbrechung -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 Raw data	2.1.4	x (manual mode)	Server 1
6503	S4	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 Raw data	2.1.4	x (manual mode)	Server 1
6504	VFS/US 1 T	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 Raw data	2.1.4	x (manual mode)	Server 1
6505	VFS/US 1 V	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 Raw data	2.1.4	x (manual mode)	Server 1
6506	VFS/US 2 T	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 Raw data	2.1.4	x (manual mode)	Server 1
6507	VFS/US 2 V	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 Raw data	2.1.4	x (manual mode)	Server1
6508	Status 1 - Manual mode / Error exists	Bit coded 0: Error exists 1: Pri. pump pwm manual mode 2: Circ. pwm manual mode 3: Output R1 manual mode 4: Output R2 manual mode 5: Output R3 manual mode 6: S1 manual mode 7: S2 manual mode 8: S3 manual mode 9: S4 manual mode 10: VFS/US 1 T manual mode 11: VFS/US 1 V manual mode 12: VFS/US 2 T manual mode 13: VFS/US 2 V manual mode	uint16	x	-	-	Section to retrieve: 0: System parameter 1: Control parameter 2: Statistics	2.1.4		Server1
6509	Status 2 - Function	Bit coded 0: Circ. function T available 1: Circ. function time available 2: Circ. function on demand available 3: Circ. function T active 4: Circ. function time active 5: Circ. function on demand active 6: Stratification of return available 7: Stratification of return Locked protection active 8: Modulation hot water available 9: Modulation hot water active 10: Comfort function available 11: Comfort function active 12: Comfort function pump locked 13: Disinfection available 14: Disinfection active 15: Disinfection last one successful	uint16	x	-	-	Bit 12: When the temperature is after 100s to low, there is a protection (wait time) from 1h.	2.1.4		Server1
6510	Status 3 - Function	Bit coded 0: Error relay available 1: Error relay active 2: Parallel relay available 3: Parallel relay active 4: Hygienic flush available 5: Hygienic flush active 6: Buffer storage available 7: Buffer storage active 8: Heating available 9: Heating active 10: Overtemperature protection active 11: Average flow active 12: Cascade valve on 13: User plant user 14: User specialist 15: User PAW	uint16	x	-	-		2.1.4		Server1

6511	Status 4	Bit coded 0: First start up pass 1: Hydraulic system adaptation running 2: Cascade valve open 3: Short tap volume detected. Circulation pump must start. 4: User specialist edvanced	uint16	x	-	-		2.1.4		Server1
6512	Status 5 - Sensor error	Bit coded 0: Tvl interruption 1: Tvl short circuit 2: Tbuffer interruption 3: Tbuffer short circuit 4: Tww interruption 5: Tww short circuit 6: Tkw interruption 7: Tkw short circuit 8: Tstratification interruption 9: Tstratification short circuit 10: Tcirculation interruption 11: Tcirculation short circuit 12: VFS/US 1 T interruption 13: VFS/US 1 T short circuit 14: VFS/US 1 V interruption 15: VFS/US 1 V short circuit	uint16	x	-	-		2.1.4		Server1
6513	Status 6 - Sensor error	Bit coded 0: VFS/US 2 T interruption 1: VFS/US 2 T short circuit 2: VFS/US 2 V interruption 3: VFS/US 2 V short circuit 4: RTC error 5: uC error	uint16	x	-	-		2.1.4		Server1
6514	Tvl	Resolution 0.1 °C 9999: Unterbrechung -9999: Short circuit	int16	x	-	-	14.3 °C -> 143 Temperature primary warm sensor	2.1.4		Server1
6515	Tww	Resolution 0.1 °C 9999: Unterbrechung -9999: Short circuit	int16	x	-	-	14.3 °C -> 143 Temperature secondary warm sensor	2.1.4		Server1
6516	Tkw	Resolution 0.1 °C 9999: Unterbrechung -9999: Short circuit	int16	x	-	-	14.3 °C -> 143 Temperature secondary cold sensor	2.1.4		Server 1
6517	T buffer	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	-	-	14.3 °C -> 143 Temperature buffer sensor	2.1.4		Server 1
6518	T stratification	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	-	-	14.3 °C -> 143 Temperature stratification of return sensor	2.1.4		Server 1
6519	T circulation	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	-	-	14.3 °C -> 143 Temperature circulation sensor	2.1.4		Server 1
6520	Vprimary	Resolution 0.1 l/min 9999 = Interruption -8888 = No sensor	int16	x	-	-	17.5 l/min -> 175 Primary flow (flowsensor 1)	2.1.4		Server 1
6521	Vsecondary	Resolution 0.1 l/min 9999 = Interruption -8888 = No sensor	int16	x	-	-	17.5 l/min -> 175 Secondary flow (flowsensor 1)	2.1.4		Server 1
6522	PWM primary	Resolution 0.1%	int16	x	x	x	50% -> 500	2.1.4		Server 1
6523	PWM circulation	Resolution 0.1%	int16	x	x	x	50% -> 500	2.1.4		Server 1
6524	Control output R1	0: Off 100: On	uint8	x	x	x	Only writable in manual mode	2.1.4		Server 1
6525	Control output R2	0: Off 100: On	uint8	x	x	x	Only writable in manual mode	2.1.4		Server 1
6526	Control output R3	0: Off 100: On	uint8	x	x	x	Only writable in manual mode	2.1.4		Server 1
6527	Tww_set_temperature	60°C -> 60	uint8	x	-	-	D.H.W. set temperatur	2.1.4		Server 1
6528	Tww_modulation_temperature	60°C -> 600	uint16	x	-	-	Calculated set point of modulation temperature regulation	2.1.4		Server 1
6529	Tset_temperature_current	60°C -> 600	uint16	x	-	-	Set point, currently in use	2.1.4		Server 1
6530	T cold water cascade	60°C -> 600	uint16	x	-	-	Calculated value of the master. It's the highest T cold sensor data of the active modules. The master calculate this value and send it to the Servers. This value ist among other things needed for the stratification of return function at the Server.	2.1.4		Server 1
6580	Error free [High]	Modbus communication counter	uint16	x	-	-		3.0.2		Server1
6581	Error free [Low]	Modbus communication counter	uint16	x	-	-		3.0.2		Server1
6582	CRC [High]	Modbus communication counter	uint16	x	-	-		3.0.2		Server1
6583	CRC [Low]	Modbus communication counter	uint16	x	-	-		3.0.2		Server1
6584	Timeout [High]	Modbus communication counter	uint16	x	-	-		3.0.2		Server1
6585	Timeout [Low]	Modbus communication counter	uint16	x	-	-		3.0.2		Server1
6586	Illegal function [High]	Modbus communication counter	uint16	x	-	-		3.0.2		Server1
6587	Illegal function [Low]	Modbus communication counter	uint16	x	-	-		3.0.2		Server1
6588	Illigal address [High]	Modbus communication counter	uint16	x	-	-		3.0.2		Server1
6589	Illigal address [Low]	Modbus communication counter	uint16	x	-	-		3.0.2		Server1
6590	Illigal data [High]	Modbus communication counter	uint16	x	-	-		3.0.2		Server1
6591	Illigal data [Low]	Modbus communication counter	uint16	x	-	-		3.0.2		Server1
6592	Server error [High]	Modbus communication counter	uint16	x	-	-		3.0.2		Server1
6593	Server error [Low]	Modbus communication counter	uint16	x	-	-		3.0.2		Server1
6594	Other [High]	Modbus communication counter	uint16	x	-	-		3.0.2		Server1
6595	Other [Low]	Modbus communication counter	uint16	x	-	-		3.0.2		Server1
6690	FW Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		2.1.4		Server1
6691	FW Time	Hour * 100 + Minute	uint16	x	-	-		2.1.4		Server1
6692	FW Version - Major release	Major release	uint16	x	-	-		2.1.4		Server1
6693	FW Version - Minor release	Minor release	uint16	x	-	-		2.1.4		Server1
6694	FW Version - patch level	Patch level	uint16	x	-	-		2.1.4		Server1
6695	FW Build Nummer		uint16	x	-	-		2.1.4		Server1
6696	PCB Version		uint16	x	-	-		2.1.4		Server1
6697	Assembly variant		uint16	x	-	-		2.1.4		Server1

6900	Tvl Min	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only delete with 10000	2.1.4	x	Server1
6901	Tvl Max	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only delete with -10000	2.1.4	x	Server1
6902	Tkw Min	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only delete with 10000	2.1.4	x	Server1
6903	Tkw Max	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only delete with -10000	2.1.4	x	Server1
6904	Tww Min	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only delete with 10000	2.1.4	x	Server1
6905	Tww Max	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only delete with -10000	2.1.4	x	Server1
6906	Tbuffer Min	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only delete with 10000	2.1.4	x	Server1
6907	Tbuffer Max	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only delete with -10000	2.1.4	x	Server1
6908	Tstratification Min	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only delete with 10000	2.1.4	x	Server1
6909	Tstratification Max	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only delete with -10000	2.1.4	x	Server1
6910	Tcirculation Min	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only delete with 10000	2.1.4	x	Server1
6911	Tcirculation Max	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only delete with -10000	2.1.4	x	Server1
6916	Vsecondary Min	Resolution 0.1 l/min 9999 = Interruption -8888 = No sensor	int16	x	x	x	17.5 l/min -> 175 write only delete with 10000	2.1.4	x	Server1
6917	Vsecondary Max	Resolution 0.1 l/min 9999 = Interruption -8888 = No sensor	int16	x	x	x	17.5 l/min -> 175 write only delete with -10000	2.1.4	x	Server1
6918	PWM primary Min	Resolution 0.1%	int16	x	x	x	write only delete with 10000	2.1.4	x	Server1
6919	PWM primary Max	Resolution 0.1%	int16	x	x	x	write only delete with -10000	2.1.4	x	Server1
6920	PWM circulation Min	Resolution 0.1%	int16	x	x	x	write only delete with 10000	2.1.4	x	Server1
6921	PWM circulation Max	Resolution 0.1%	int16	x	x	x	write only delete with -10000	2.1.4	x	Server1
6922	Switch cycles output R1 [High]		uint16	x	-	-	Only complet high and low	2.1.4	x	Server1
6923	Switch cycles output R1 [Low]		uint16	x	-	-	Only complet high and low	2.1.4	x	Server1
6924	Switch cycles output R2 [High]		uint16	x	-	-	Only complet high and low	2.1.4	x	Server1
6925	Switch cycles output R2 [Low]		uint16	x	-	-	Only complet high and low	2.1.4	x	Server1
6926	Switch cycles output R3 [High]		uint16	x	-	-	Only complet high and low	2.1.4	x	Server1
6927	Switch cycles output R3 [Low]		uint16	x	-	-	Only complet high and low	2.1.4	x	Server1
6928	Operating hours output R1 [High]	Resolution 1min	uint16	x	-	-	Only complet high and low	2.1.4	x	Server1
6929	Operating hours output R1 [Low]	Resolution 1min	uint16	x	-	-	Only complet high and low	2.1.4	x	Server1
6930	Operating hours output R2 [High]	Resolution 1min	uint16	x	-	-	Only complet high and low	2.1.4	x	Server1
6931	Operating hours output R2 [Low]	Resolution 1min	uint16	x	-	-	Only complet high and low	2.1.4	x	Server1
6932	Operating hours output R3 [High]	Resolution 1min	uint16	x	-	-	Only complet high and low	2.1.4	x	Server1
6933	Operating hours output R3 [Low]	Resolution 1min	uint16	x	-	-	Only complet high and low	2.1.4	x	Server1
6934	Operating hours pwm pri [High]	Resolution 1min	uint16	x	-	-	Only complet high and low	2.1.4	x	Server1
6935	Operating hours pwm pri [Low]	Resolution 1min	uint16	x	-	-	Only complet high and low	2.1.4	x	Server1
6936	Operating hours pwm circ [High]	Resolution 1min	uint16	x	-	-	Only complet high and low	2.1.4	x	Server1
6937	Operating hours pwm circ [Low]	Resolution 1min	uint16	x	-	-	Only complet high and low	2.1.4	x	Server1
6938	Operating hours modul last 24h	Resolution 1min	uint16	x	-	-	Time where the primary pump was on	2.1.4	x	Server1
6939	Flow actually liter day [High]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 M liter	2.1.4	x	Server1
6940	Flow actually liter day [Low]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 M liter	2.1.4	x	Server1

6941	Flow actually liter week [High]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 M liter	2.1.4	x	Server1
6942	Flow actually liter week [Low]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 M liter	2.1.4	x	Server1
6943	Flow actually liter month [High]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 M liter	2.1.4	x	Server1
6944	Flow actually liter month [Low]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 M liter	2.1.4	x	Server1
6945	Flow actually liter total [High]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 M liter	2.1.4	x	Server1
6946	Flow actually liter total [Low]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 M liter	2.1.4	x	Server1
6947	Heat quantity day [High]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 MWh	2.1.4	x	Server1
6948	Heat quantity day [Low]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 MWh	2.1.4	x	Server1
6949	Heat quantity week [High]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 MWh	2.1.4	x	Server1

6950	Heat quantity week [Low]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 MWh	2.1.4	x	Server1
6951	Heat quantity month [High]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 MWh	2.1.4	x	Server1
6952	Heat quantity month [Low]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 MWh	2.1.4	x	Server1
6953	Heat quantity total [High]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 MWh	2.1.4	x	Server1
6954	Heat quantity total [Low]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 MWh	2.1.4	x	Server1
6955	Heat quantity total since (Date)	(Month * 40 + Day) * 100 + Year	uint16	x	x	x		2.1.4	x	Server1
6956	Heat quantity total since (Time)	Hour * 100 + Minute	uint16	x	x	x		2.1.4	x	Server1
6957	Flow total since (Date)	(Month * 40 + Day) * 100 + Year	uint16	x	x	x		2.1.4	x	Server1
6958	Flow total since (Time)	Hour * 100 + Minute+G141	uint16	x	x	x		2.1.4	x	Server1
6959	T cold water cascade Min	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only delete with 10000	2.1.4	x	Server1
6960	T cold water cascade Max	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only delete with 10000 -	2.1.4	x	Server1
7013	Bootloader FW Version - Major release	Major release	uint16	x	-	-		3.0.x		Server2
7014	Bootloader FW Version - Minor release	Minor release	uint16	x	-	-		3.0.x		Server2
7015	Bootloader FW Version - patch level	Patch level	uint16	x	-	-		3.0.x		Server2
7362	Operating mode primary pump	0: manual mode 1: automatic mode	uint8	x	x	x	PWM signal	2.1.4		Server2
7363	Operating mode circulation pump	0: manual mode 1: automatic mode	uint8	x	x	x	PWM signal	2.1.4		Server2
7364	Operating mode output R1	0: manual mode 1: automatic mode	uint8	x	x	x		2.1.4		Server2
7365	Operating mode output R2	0: manual mode 1: automatic mode	uint8	x	x	x		2.1.4		Server2
7366	Operating mode output R3	0: manual mode 1: automatic mode	uint8	x	x	x		2.1.4		Server2
7367	Operating mode input S1	0: manual mode 1: automatic mode	uint8	x	x	x		2.1.4		Server2
7368	Operating mode input S2	0: manual mode 1: automatic mode	uint8	x	x	x		2.1.4		Server2
7369	Operating mode input S3	0: manual mode 1: automatic mode	uint8	x	x	x		2.1.4		Server2
7370	Operating mode input S4	0: manual mode 1: automatic mode	uint8	x	x	x		2.1.4		Server2
7371	Operating mode VFS/US T - Connector 1	0: manual mode 1: automatic mode	uint8	x	x	x		2.1.4		Server2
7372	Operating mode VFS/US V - Connector 1	0: manual mode 1: automatic mode	uint8	x	x	x		2.1.4		Server2
7373	Operating mode VFS/US T - Connector 2	0: manual mode 1: automatic mode	uint8	x	x	x		2.1.4		Server2
7374	Operating mode VFS/US V - Connector 2	0: manual mode 1: automatic mode	uint8	x	x	x		2.1.4		Server2
7500	S1	Resolution 0.1 °C 9999: Unterbrechung -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 Raw data	2.1.4	x (manual mode)	Server2
7501	S2	Resolution 0.1 °C 9999: Unterbrechung -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 Raw data	2.1.4	x (manual mode)	Server2
7502	S3	Resolution 0.1 °C 9999: Unterbrechung -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 Raw data	2.1.4	x (manual mode)	Server2
7503	S4	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 Raw data	2.1.4	x (manual mode)	Server2

7504	VFS/US 1 T	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 Raw data	2.1.4	x (manual mode)	Server2
7505	VFS/US 1 V	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 Raw data	2.1.4	x (manual mode)	Server2
7506	VFS/US 2 T	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 Raw data	2.1.4	x (manual mode)	Server2
7507	VFS/US 2 V	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 Raw data	2.1.4	x (manual mode)	Server2
7508	Status 1 - Manual mode / Error exists	Bit coded 0: Error exists 1: Pri. pump pwm manual mode 2: Circ. pwm manual mode 3: Output R1 manual mode 4: Output R2 manual mode 5: Output R3 manual mode 6: S1 manual mode 7: S2 manual mode 8: S3 manual mode 9: S4 manual mode 10: VFS/US 1 T manual mode 11: VFS/US 1 V manual mode 12: VFS/US 2 T manual mode 13: VFS/US 2 V manual mode	uint16	x	-	-	Section to retrieve: 0: System parameter 1: Control parameter 2: Statistics	2.1.4		Server2
7509	Status 2 - Function	Bit coded 0: Circ. function T available 1: Circ. function time available 2: Circ. function on demand available 3: Circ. function T active 4: Circ. function time active 5: Circ. function on demand active 6: Stratification of return available 7: Stratification of return Locked protection active 8: Modulation hot water available 9: Modulation hot water active 10: Comfort function available 11: Comfort function active 12: Comfort function pump locked 13: Disinfection available 14: Disinfection active 15: Disinfection last one successful	uint16	x	-	-	Bit 12: When the temperature is after 100s to low, there is a protection (wait time) from 1h.	2.1.4		Server2
7510	Status 3 - Function	Bit coded 0: Error relay available 1: Error relay active 2: Parallel relay available 3: Parallel relay active 4: Hygienic flush available 5: Hygienic flush active 6: Buffer storage available 7: Buffer storage active 8: Heating available 9: Heating active 10: Overtemperature protection active 11: Average flow active 12: Cascade valve on 13: User plant user 14: User plumber 15: User PAW	uint16	x	-	-		2.1.4		Server2
7511	Status 4	Bit coded 0: First start up pass 1: Hydraulic system adaptation running 2: Cascade valve open 3: Short tap volume detected. Circulation pump must start.	uint16	x	-	-		2.1.4		Server2
7512	Status 5 - Sensor error	Bit coded 0: Tvl interruption 1: Tvl short circuit 2: Tbuffer interruption 3: Tbuffer short circuit 4: Tww interruption 5: Tww short circuit 6: Tkw interruption 7: Tkw short circuit 8: Tstratification interruption 9: Tstratification short circuit 10: Tcirculation interruption 11: Tcirculation short circuit 12: VFS/US 1 T interruption 13: VFS/US 1 T short circuit 14: VFS/US 1 V interruption 15: VFS/US 1 V short circuit	uint16	x	-	-		2.1.4		Server2
7513	Status 6 - Sensor error	Bit coded 0: VFS/US 2 T interruption 1: VFS/US 2 T short circuit 2: VFS/US 2 V interruption 3: VFS/US 2 V short circuit 4: RTC error 5: uC error	uint16	x	-	-		2.1.4		Server2
7514	Tvl	Resolution 0.1 °C 9999: Unterbrechung -9999: Short circuit	int16	x	-	-	14.3 °C -> 143 Temperature primary warm sensor	2.1.4		Server2
7515	Tww	Resolution 0.1 °C 9999: Unterbrechung -9999: Short circuit	int16	x	-	-	14.3 °C -> 143 Temperature secondary warm sensor	2.1.4		Server2
7516	Tkw	Resolution 0.1 °C 9999: Unterbrechung -9999: Short circuit	int16	x	-	-	14.3 °C -> 143 Temperature secondary cold sensor	2.1.4		Server2
7517	T buffer	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	-	-	14.3 °C -> 143 Temperature buffer sensor	2.1.4		Server2

7518	T stratification	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	-	-	14.3 °C -> 143 Temperature stratification of return sensor	2.1.4		Server2
7519	T circulation	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	-	-	14.3 °C -> 143 Temperature circulation sensor	2.1.4		Server2
7520	Vprimary	Resolution 0.1 l/min 9999 = Interruption -8888 = No sensor	int16	x	-	-	17.5 l/min -> 175 Primary flow (flowsensor 1)	2.1.4		Server2
7521	Vsecondary	Resolution 0.1 l/min 9999 = Interruption -8888 = No sensor	int16	x	-	-	17.5 l/min -> 175 Secondary flow (flowsensor 1)	2.1.4		Server2
7522	PWM primary	Resolution 0.1%	int16	x	x	x	50% -> 500	2.1.4		Server2
7523	PWM circulation	Resolution 0.1%	int16	x	x	x	50% -> 500	2.1.4		Server2
7524	Control output R1	0: Off 100: On	uint8	x	x	x	Only writable in manual mode	2.1.4		Server2
7525	Control output R2	0: Off 100: On	uint8	x	x	x	Only writable in manual mode	2.1.4		Server2
7526	Control output R3	0: Off 100: On	uint8	x	x	x	Only writable in manual mode	2.1.4		Server2
7527	Tww_set_temperature	60°C -> 60	uint8	x	-	-	D.H.W. set temperatur	2.1.4		Server2
7528	Tww_modulation_temperature	60°C -> 600	uint16	x	-	-	Calculated set point of modulation temperature regulation	2.1.4		Server2
7529	Tset_temperature_current	60°C -> 600	uint16	x	-	-	Set point, currently in use	2.1.4		Server2
7530	T cold water cascade	60°C -> 600	uint16	x	-	-	Calculated value of the master. It's the highest T cold sensor data of the active modules. The master calculate this value and send it to the Servers. This value ist among other things needed for the stratification of return function at the Server.	2.1.4		Server2
7580	Error free [High]	Modbus communication counter	uint16	x	-	-		3.0.2		Server2
7581	Error free [Low]	Modbus communication counter	uint16	x	-	-		3.0.2		Server2
7582	CRC [High]	Modbus communication counter	uint16	x	-	-		3.0.2		Server2
7583	CRC [Low]	Modbus communication counter	uint16	x	-	-		3.0.2		Server2
7584	Timeout [High]	Modbus communication counter	uint16	x	-	-		3.0.2		Server2
7585	Timeout [Low]	Modbus communication counter	uint16	x	-	-		3.0.2		Server2
7586	Illegal function [High]	Modbus communication counter	uint16	x	-	-		3.0.2		Server2
7587	Illegal function [Low]	Modbus communication counter	uint16	x	-	-		3.0.2		Server2
7588	Illigal address [High]	Modbus communication counter	uint16	x	-	-		3.0.2		Server2
7589	Illigal address [Low]	Modbus communication counter	uint16	x	-	-		3.0.2		Server2
7590	Illigal data [High]	Modbus communication counter	uint16	x	-	-		3.0.2		Server2
7591	Illigal data [Low]	Modbus communication counter	uint16	x	-	-		3.0.2		Server2
7592	Server error [High]	Modbus communication counter	uint16	x	-	-		3.0.2		Server2
7593	Server error [Low]	Modbus communication counter	uint16	x	-	-		3.0.2		Server2
7594	Other [High]	Modbus communication counter	uint16	x	-	-		3.0.2		Server2
7595	Other [Low]	Modbus communication counter	uint16	x	-	-		3.0.2		Server2
7690	FW Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		2.1.4		Server2
7691	FW Time	Hour * 100 + Minute	uint16	x	-	-		2.1.4		Server2
7692	FW Version - Major release	Major release	uint16	x	-	-		2.1.4		Server2
7693	FW Version - Minor release	Minor release	uint16	x	-	-		2.1.4		Server2
7694	FW Version - patch level	Patch level	uint16	x	-	-		2.1.4		Server2
7695	FW Build Nummer		uint16	x	-	-		2.1.4		Server2
7696	PCB Version		uint16	x	-	-		2.1.4		Server2
7697	Assembly variant		uint16	x	-	-		2.1.4		Server2
7900	Tvl Min	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only delete with 10000	2.1.4	x	Server2
7901	Tvl Max	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only delete with 10000	2.1.4	x	Server2
7902	Tkw Min	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only delete with 10000	2.1.4	x	Server2
7903	Tkw Max	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only delete with 10000	2.1.4	x	Server2
7904	Tww Min	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only delete with 10000	2.1.4	x	Server2
7905	Tww Max	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only delete with 10000	2.1.4	x	Server2
7906	Tbuffer Min	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only delete with 10000	2.1.4	x	Server2
7907	Tbuffer Max	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only delete with 10000	2.1.4	x	Server2
7908	Tstratification Min	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only delete with 10000	2.1.4	x	Server2
7909	Tstratification Max	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only delete with 10000	2.1.4	x	Server2
7910	Tcirculation Min	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only delete with 10000	2.1.4	x	Server2
7911	Tcirculation Max	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only delete with 10000	2.1.4	x	Server2
7916	Vsecondary Min	Resolution 0.1 l/min 9999 = Interruption -8888 = No sensor	int16	x	x	x	17.5 l/min -> 175 write only delete with 10000	2.1.4	x	Server2
7917	Vsecondary Max	Resolution 0.1 l/min 9999 = Interruption -8888 = No sensor	int16	x	x	x	17.5 l/min -> 175 write only delete with 10000	2.1.4	x	Server2
7918	PWM primary Min	Resolution 0.1%	int16	x	x	x	write only delete with 10000	2.1.4	x	Server2
7919	PWM primary Max	Resolution 0.1%	int16	x	x	x	write only delete with 10000	2.1.4	x	Server2
7920	PWM circulation Min	Resolution 0.1%	int16	x	x	x	write only delete with 10000	2.1.4	x	Server2

7921	PWM circulation Max	Resolution 0.1%	int16	x	x	x	write only delete with -10000	2.1.4	x	Server2
7922	Switch cycles output R1 [High]		uint16	x	-	-	Only complet high and low	2.1.4	x	Server2
7923	Switch cycles output R1 [Low]		uint16	x	-	-	Only complet high and low	2.1.4	x	Server2
7924	Switch cycles output R2 [High]		uint16	x	-	-	Only complet high and low	2.1.4	x	Server2
7925	Switch cycles output R2 [Low]		uint16	x	-	-	Only complet high and low	2.1.4	x	Server2
7926	Switch cycles output R3 [High]		uint16	x	-	-	Only complet high and low	2.1.4	x	Server2
7927	Switch cycles output R3 [Low]		uint16	x	-	-	Only complet high and low	2.1.4	x	Server2
7928	Operating hours output R1 [High]	Resolution 1min	uint16	x	-	-	Only complet high and low	2.1.4	x	Server2
7929	Operating hours output R1 [Low]	Resolution 1min	uint16	x	-	-	Only complet high and low	2.1.4	x	Server2
7930	Operating hours output R2 [High]	Resolution 1min	uint16	x	-	-	Only complet high and low	2.1.4	x	Server2
7931	Operating hours output R2 [Low]	Resolution 1min	uint16	x	-	-	Only complet high and low	2.1.4	x	Server2
7932	Operating hours output R3 [High]	Resolution 1min	uint16	x	-	-	Only complet high and low	2.1.4	x	Server2
7933	Operating hours output R3 [Low]	Resolution 1min	uint16	x	-	-	Only complet high and low	2.1.4	x	Server2
7934	Operating hours pwm pri [High]	Resolution 1min	uint16	x	-	-	Only complet high and low	2.1.4	x	Server2
7935	Operating hours pwm pri [Low]	Resolution 1min	uint16	x	-	-	Only complet high and low	2.1.4	x	Server2
7936	Operating hours pwm circ [High]	Resolution 1min	uint16	x	-	-	Only complet high and low	2.1.4	x	Server2
7937	Operating hours pwm circ [Low]	Resolution 1min	uint16	x	-	-	Only complet high and low	2.1.4	x	Server2
7938	Operating hours modul last 24h	Resolution 1min	uint16	x	-	-	Time where the primary pump was on	2.1.4	x	Server2
7939	Flow actually liter day [High]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 M liter	2.1.4	x	Server2
7940	Flow actually liter day [Low]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 M liter	2.1.4	x	Server2
7941	Flow actually liter week [High]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 M liter	2.1.4	x	Server2
7942	Flow actually liter week [Low]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 M liter	2.1.4	x	Server2
7943	Flow actually liter month [High]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 M liter	2.1.4	x	Server2
7944	Flow actually liter month [Low]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 M liter	2.1.4	x	Server2

7945	Flow actually liter total [High]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 M liter	2.1.4	x	Server2
7946	Flow actually liter total [Low]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 M liter	2.1.4	x	Server2
7947	Heat quantity day [High]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 MWh	2.1.4	x	Server2
7948	Heat quantity day [Low]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 MWh	2.1.4	x	Server2
7949	Heat quantity week [High]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 MWh	2.1.4	x	Server2
7950	Heat quantity week [Low]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 MWh	2.1.4	x	Server2
7951	Heat quantity month [High]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 MWh	2.1.4	x	Server2
7952	Heat quantity month [Low]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 MWh	2.1.4	x	Server2
7953	Heat quantity total [High]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 MWh	2.1.4	x	Server2

7954	Heat quantity total [Low]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 MWh	2.1.4	x	Server2
7955	Heat quantity total since (Date)	(Month * 40 + Day) * 100 + Year	uint16	x	x	x		2.1.4	x	Server2
7956	Heat quantity total since (Time)	Hour * 100 + Minute	uint16	x	x	x		2.1.4	x	Server2
7957	Flow total since (Date)	(Month * 40 + Day) * 100 + Year	uint16	x	x	x		2.1.4	x	Server2
7958	Flow total since (Time)	Hour * 100 + Minute+G141	uint16	x	x	x		2.1.4	x	Server2
7959	T cold water cascade Min	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only delete with 10000	2.1.4	x	Server2
7960	T cold water cascade Max	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only delete with - 10000	2.1.4	x	Server2
8013	Bootloader FW Version - Major release	Major release	uint16	x	-	-		3.0.x		Server3
8014	Bootloader FW Version - Minor release	Minor release	uint16	x	-	-		3.0.x		Server3
8015	Bootloader FW Version - patch level	Patch level	uint16	x	-	-		3.0.x		Server3
8362	Operating mode primary pump	0: manual mode 1: automatic mode	uint8	x	x	x	PWM signal	2.1.4		Server3
8363	Operating mode circulation pump	0: manual mode 1: automatic mode	uint8	x	x	x	PWM signal	2.1.4		Server3
8364	Operating mode output R1	0: manual mode 1: automatic mode	uint8	x	x	x		2.1.4		Server3
8365	Operating mode output R2	0: manual mode 1: automatic mode	uint8	x	x	x		2.1.4		Server3
8366	Operating mode output R3	0: manual mode 1: automatic mode	uint8	x	x	x		2.1.4		Server3
8367	Operating mode input S1	0: manual mode 1: automatic mode	uint8	x	x	x		2.1.4		Server3
8368	Operating mode input S2	0: manual mode 1: automatic mode	uint8	x	x	x		2.1.4		Server3
8369	Operating mode input S3	0: manual mode 1: automatic mode	uint8	x	x	x		2.1.4		Server3
8370	Operating mode input S4	0: manual mode 1: automatic mode	uint8	x	x	x		2.1.4		Server3
8371	Operating mode VFS/US T - Connector 1	0: manual mode 1: automatic mode	uint8	x	x	x		2.1.4		Server3
8372	Operating mode VFS/US V - Connector 1	0: manual mode 1: automatic mode	uint8	x	x	x		2.1.4		Server3
8373	Operating mode VFS/US T - Connector 2	0: manual mode 1: automatic mode	uint8	x	x	x		2.1.4		Server3
8374	Operating mode VFS/US V - Connector 2	0: manual mode 1: automatic mode	uint8	x	x	x		2.1.4		Server3
8500	S1	Resolution 0.1 °C 9999: Unterbrechung -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 Raw data	2.1.4	x (manual mode)	Server3
8501	S2	Resolution 0.1 °C 9999: Unterbrechung -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 Raw data	2.1.4	x (manual mode)	Server3
8502	S3	Resolution 0.1 °C 9999: Unterbrechung -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 Raw data	2.1.4	x (manual mode)	Server3
8503	S4	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 Raw data	2.1.4	x (manual mode)	Server3
8504	VFS/US 1 T	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 Raw data	2.1.4	x (manual mode)	Server3
8505	VFS/US 1 V	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 Raw data	2.1.4	x (manual mode)	Server3
8506	VFS/US 2 T	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 Raw data	2.1.4	x (manual mode)	Server3
8507	VFS/US 2 V	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 Raw data	2.1.4	x (manual mode)	Server3
8508	Status 1 - Manual mode / Error exists	Bit coded 0: Error exists 1: Pri. pump pwm manual mode 2: Circ. pwm manual mode 3: Output R1 manual mode 4: Output R2 manual mode 5: Output R3 manual mode 6: S1 manual mode 7: S2 manual mode 8: S3 manual mode 9: S4 manual mode 10: VFS/US 1 T manual mode 11: VFS/US 1 V manual mode 12: VFS/US 2 T manual mode 13: VFS/US 2 V manual mode	uint16	x	-	-	Section to retrieve: 0: System parameter 1: Control parameter 2: Statistics	2.1.4		Server3
8509	Status 2 - Function	Bit coded 0: Circ. function T available 1: Circ. function time available 2: Circ. function on demand available 3: Circ. function T active 4: Circ. function time active 5: Circ. function on demand active 6: Stratification of return available 7: Stratification of return Locked protection active 8: Modulation hot water available 9: Modulation hot water active 10: Comfort function available 11: Comfort function active 12: Comfort function pump locked 13: Disinfection available 14: Disinfection active 15: Disinfection last one successful	uint16	x	-	-	Bit 12: When the temperature is after 100s to low, there is a protection (wait time) from 1h.	2.1.4		Server3

8510	Status 3 - Function	Bit coded 0: Error relay available 1: Error relay active 2: Parallel relay available 3: Parallel relay active 4: Hygienic flush available 5: Hygienic flush active 6: Buffer storage available 7: Buffer storage active 8: Heating available 9: Heating active 10: Overtemperature protection active 11: Average flow active 12: Cascade valve on 13: User plant user 14: User plumber 15: User PAW	uint16	x	-	-		2.1.4		Server3
8511	Status 4	Bit coded 0: First start up pass 1: Hydraulic system adaptation running 2: Cascade valve open 3: Short tap volume detected. Circulation pump must start.	uint16	x	-	-		2.1.4		Server3
8512	Status 5 - Sensor error	Bit coded 0: Tvl interruption 1: Tvl short circuit 2: Tbuffer interruption 3: Tbuffer short circuit 4: Tww interruption 5: Tww short circuit 6: Tkw interruption 7: Tkw short circuit 8: Tstratification interruption 9: Tstratification short circuit 10: Tcirculation interruption 11: Tcirculation short circuit 12: VFS/US 1 T interruption 13: VFS/US 1 T short circuit 14: VFS/US 1 V interruption 15: VFS/US 1 V short circuit	uint16	x	-	-		2.1.4		Server3
8513	Status 6 - Sensor error	Bit coded 0: VFS/US 2 T interruption 1: VFS/US 2 T short circuit 2: VFS/US 2 V interruption 3: VFS/US 2 V short circuit 4: RTC error 5: uC error	uint16	x	-	-		2.1.4		Server3
8514	Tvl	Resolution 0.1 °C 9999: Unterbrechung -9999: Short circuit	int16	x	-	-	14.3 °C -> 143 Temperature primary warm sensor	2.1.4		Server3
8515	Tww	Resolution 0.1 °C 9999: Unterbrechung -9999: Short circuit	int16	x	-	-	14.3 °C -> 143 Temperature secondary warm sensor	2.1.4		Server3
8516	Tkw	Resolution 0.1 °C 9999: Unterbrechung -9999: Short circuit	int16	x	-	-	14.3 °C -> 143 Temperature secondary cold sensor	2.1.4		Server3
8517	T buffer	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	-	-	14.3 °C -> 143 Temperature buffer sensor	2.1.4		Server3
8518	T stratification	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	-	-	14.3 °C -> 143 Temperature stratification of return sensor	2.1.4		Server3
8519	T circulation	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	-	-	14.3 °C -> 143 Temperature circulation sensor	2.1.4		Server3
8520	Vprimary	Resolution 0.1 l/min 9999 = Interruption -8888 = No sensor	int16	x	-	-	17.5 l/min -> 175 Primary flow (flowsensor 1)	2.1.4		Server3
8521	Vsecondary	Resolution 0.1 l/min 9999 = Interruption -8888 = No sensor	int16	x	-	-	17.5 l/min -> 175 Secondary flow (flowsensor 1)	2.1.4		Server3
8522	PWM primary	Resolution 0.1%	int16	x	x	x	50% -> 500	2.1.4		Server3
8523	PWM circulation	Resolution 0.1%	int16	x	x	x	50% -> 500	2.1.4		Server3
8524	Control output R1	0: Off 100: On	uint8	x	x	x	Only writable in manual mode	2.1.4		Server3
8525	Control output R2	0: Off 100: On	uint8	x	x	x	Only writable in manual mode	2.1.4		Server3
8526	Control output R3	0: Off 100: On	uint8	x	x	x	Only writable in manual mode	2.1.4		Server3
8527	Tww_set_temperature	60°C -> 60	uint8	x	-	-	D.H.W. set temperatur	2.1.4		Server3
8528	Tww_modulation_temperature	60°C -> 600	uint16	x	-	-	Calculated set point of modulation temperature regulation	2.1.4		Server3
8529	Tset_temperature_current	60°C -> 600	uint16	x	-	-	Set point, currently in use	2.1.4		Server3
8530	T cold water cascade	60°C -> 600	uint16	x	-	-	Calculated value of the master. It's the highest T cold sensor data of the active modules. The master calculate this value and send it to the Servers. This value ist among other things needed for the stratification of return function at the Server.	2.1.4		Server3
8580	Error free [High]	Modbus communication counter	uint16	x	-	-		3.0.2		Server3
8581	Error free [Low]	Modbus communication counter	uint16	x	-	-		3.0.2		Server3
8582	CRC [High]	Modbus communication counter	uint16	x	-	-		3.0.2		Server3
8583	CRC [Low]	Modbus communication counter	uint16	x	-	-		3.0.2		Server3
8584	Timeout [High]	Modbus communication counter	uint16	x	-	-		3.0.2		Server3
8585	Timeout [Low]	Modbus communication counter	uint16	x	-	-		3.0.2		Server3
8586	Illegal function [High]	Modbus communication counter	uint16	x	-	-		3.0.2		Server3
8587	Illegal function [Low]	Modbus communication counter	uint16	x	-	-		3.0.2		Server3
8588	Illigal address [High]	Modbus communication counter	uint16	x	-	-		3.0.2		Server3

8589	Illigal address [Low]	Modbus communication counter	uint16	x	-	-		3.0.2		Server3
8590	Illigal data [High]	Modbus communication counter	uint16	x	-	-		3.0.2		Server3
8591	Illigal data [Low]	Modbus communication counter	uint16	x	-	-		3.0.2		Server3
8592	Server error [High]	Modbus communication counter	uint16	x	-	-		3.0.2		Server3
8593	Server error [Low]	Modbus communication counter	uint16	x	-	-		3.0.2		Server3
8594	Other [High]	Modbus communication counter	uint16	x	-	-		3.0.2		Server3
8595	Other [Low]	Modbus communication counter	uint16	x	-	-		3.0.2		Server3
8690	FW Date	(Month * 40 + Day) * 100 + Year	uint16	x	-	-		2.1.4		Server3
8691	FW Time	Hour * 100 + Minute	uint16	x	-	-		2.1.4		Server3
8692	FW Version - Major release	Major release	uint16	x	-	-		2.1.4		Server3
8693	FW Version - Minor release	Minor release	uint16	x	-	-		2.1.4		Server3
8694	FW Version - patch level	Patch level	uint16	x	-	-		2.1.4		Server3
8695	FW Build Nummer		uint16	x	-	-		2.1.4		Server3
8696	PCB Version		uint16	x	-	-		2.1.4		Server3
8697	Assembly variant		uint16	x	-	-		2.1.4		Server3
8900	Tvl Min	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only delete with 10000	2.1.4	x	Server3
8901	Tvl Max	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only delete with 10000	2.1.4	x	Server3
8902	Tkw Min	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only delete with 10000	2.1.4	x	Server3
8903	Tkw Max	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only delete with 10000	2.1.4	x	Server3
8904	Tww Min	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only delete with 10000	2.1.4	x	Server3
8905	Tww Max	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only delete with 10000	2.1.4	x	Server3
8906	Tbuffer Min	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only delete with 10000	2.1.4	x	Server3
8907	Tbuffer Max	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only delete with 10000	2.1.4	x	Server3
8908	Tstratification Min	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only delete with 10000	2.1.4	x	Server3
8909	Tstratification Max	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only delete with 10000	2.1.4	x	Server3
8910	Tcirculation Min	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only delete with 10000	2.1.4	x	Server3
8911	Tcirculation Max	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only delete with 10000	2.1.4	x	Server3
8916	Vsecondary Min	Resolution 0.1 l/min 9999 = Interruption -8888 = No sensor	int16	x	x	x	17.5 l/min -> 175 write only delete with 10000	2.1.4	x	Server3
8917	Vsecondary Max	Resolution 0.1 l/min 9999 = Interruption -8888 = No sensor	int16	x	x	x	17.5 l/min -> 175 write only delete with -10000	2.1.4	x	Server3
8918	PWM primary Min	Resolution 0.1%	int16	x	x	x	write only delete with 10000	2.1.4	x	Server3
8919	PWM primary Max	Resolution 0.1%	int16	x	x	x	write only delete with 10000	2.1.4	x	Server3
8920	PWM circulation Min	Resolution 0.1%	int16	x	x	x	write only delete with 10000	2.1.4	x	Server3
8921	PWM circulation Max	Resolution 0.1%	int16	x	x	x	write only delete with 10000	2.1.4	x	Server3
8922	Switch cycles output R1 [High]		uint16	x	-	-	Only complet high and low	2.1.4	x	Server3
8923	Switch cycles output R1 [Low]		uint16	x	-	-	Only complet high and low	2.1.4	x	Server3
8924	Switch cycles output R2 [High]		uint16	x	-	-	Only complet high and low	2.1.4	x	Server3
8925	Switch cycles output R2 [Low]		uint16	x	-	-	Only complet high and low	2.1.4	x	Server3
8926	Switch cycles output R3 [High]		uint16	x	-	-	Only complet high and low	2.1.4	x	Server3
8927	Switch cycles output R3 [Low]		uint16	x	-	-	Only complet high and low	2.1.4	x	Server3
8928	Operating hours output R1 [High]	Resolution 1min	uint16	x	-	-	Only complet high and low	2.1.4	x	Server3
8929	Operating hours output R1 [Low]	Resolution 1min	uint16	x	-	-	Only complet high and low	2.1.4	x	Server3
8930	Operating hours output R2 [High]	Resolution 1min	uint16	x	-	-	Only complet high and low	2.1.4	x	Server3
8931	Operating hours output R2 [Low]	Resolution 1min	uint16	x	-	-	Only complet high and low	2.1.4	x	Server3
8932	Operating hours output R3 [High]	Resolution 1min	uint16	x	-	-	Only complet high and low	2.1.4	x	Server3
8933	Operating hours output R3 [Low]	Resolution 1min	uint16	x	-	-	Only complet high and low	2.1.4	x	Server3
8934	Operating hours pwm pri [High]	Resolution 1min	uint16	x	-	-	Only complet high and low	2.1.4	x	Server3
8935	Operating hours pwm pri [Low]	Resolution 1min	uint16	x	-	-	Only complet high and low	2.1.4	x	Server3
8936	Operating hours pwm circ [High]	Resolution 1min	uint16	x	-	-	Only complet high and low	2.1.4	x	Server3
8937	Operating hours pwm circ [Low]	Resolution 1min	uint16	x	-	-	Only complet high and low	2.1.4	x	Server3
8938	Operating hours modul last 24h	Resolution 1min	uint16	x	-	-	Time where the primary pump was on	2.1.4	x	Server3
8939	Flow actually liter day [High]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 M liter	2.1.4	x	Server3

8940	Flow actually liter day [Low]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 M liter	2.1.4	x	Server3
8941	Flow actually liter week [High]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 M liter	2.1.4	x	Server3
8942	Flow actually liter week [Low]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 M liter	2.1.4	x	Server3
8943	Flow actually liter month [High]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 M liter	2.1.4	x	Server3
8944	Flow actually liter month [Low]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 M liter	2.1.4	x	Server3
8945	Flow actually liter total [High]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 M liter	2.1.4	x	Server3
8946	Flow actually liter total [Low]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 M liter	2.1.4	x	Server3
8947	Heat quantity day [High]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 MWh	2.1.4	x	Server3
8948	Heat quantity day [Low]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 MWh	2.1.4	x	Server3

8949	Heat quantity week [High]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 MWh	2.1.4	x	Server3
8950	Heat quantity week [Low]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 MWh	2.1.4	x	Server3
8951	Heat quantity month [High]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 MWh	2.1.4	x	Server3
8952	Heat quantity month [Low]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 MWh	2.1.4	x	Server3
8953	Heat quantity total [High]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 MWh	2.1.4	x	Server3
8954	Heat quantity total [Low]	Coded XXZZZZZZZZ XX: Prefix 0: 1: k 2: M 3: G 4: T 5: P ZZZZZZZZ: Value. 3 digits after the digit point.	uint16	x	x	x	Delete with 0 - Only complet high and lowBsp.: 200009247 -> 9,247 MWh	2.1.4	x	Server3
8955	Heat quantity total since (Date)	(Month * 40 + Day) * 100 + Year	uint16	x	x	x		2.1.4	x	Server3
8956	Heat quantity total since (Time)	Hour * 100 + Minute	uint16	x	x	x		2.1.4	x	Server3
8957	Flow total since (Date)	(Month * 40 + Day) * 100 + Year	uint16	x	x	x		2.1.4	x	Server3
8958	Flow total since (Time)	Hour * 100 + Minute+G141	uint16	x	x	x		2.1.4	x	Server3
8959	T cold water cascade Min	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only delete with 10000	2.1.4	x	Server3
8960	T cold water cascade Max	Resolution 0.1 °C 9999: Interruption -9999: Short circuit	int16	x	x	x	14.3 °C -> 143 write only delete with -10000	2.1.4	x	Server3

Alarm history ID	
ID	**Note**
0	SENSOR 1 ERROR
1	SENSOR 2 ERROR
2	SENSOR 3 ERROR
3	SENSOR 4 ERROR
4	FLOW METER FLOW SENSOR ERROR
5	FLOW METER TEMP SENSOR ERROR
6	PUMP 1 ERROR NO PWM
7	PUMP 1 ERROR VOLTAGE TOO LOW
8	PUMP 1 ELECTRICAL ERROR
9	PUMP 1 ERROR PUMP BLOCKED
10	PUMP 2 ERROR NO PWM
11	PUMP 2 ERROR VOLTAGE TOO LOW
12	PUMP 2 ELECTRICAL ERROR
13	PUMP 2 ERROR PUMP BLOCKED
14	COMM ERROR ETHERNET MODULE
15	COMM ERROR GATEWAY MODULE
16	COMM ERROR MODBUS
17	DISINFECTION FAILED
18	USB NO FREE SPACE
19	FLOW METER 2 FLOW SENSOR ERROR
20	FLOW METER 2 TEMP SENSOR ERROR
21	HOT WATER MODULATION
22	SENSOR 1 SIMULATION ACTIVE
23	SENSOR 1 SIMULATION INACTIVE
24	SENSOR 2 SIMULATION ACTIVE
25	SENSOR 2 SIMULATION INACTIVE
26	SENSOR 3 SIMULATION ACTIVE
27	SENSOR 3 SIMULATION INACTIVE
28	SENSOR 4 SIMULATION ACTIVE
29	SENSOR 4 SIMULATION INACTIVE
30	VFS 1 V SIMULATION ACTIVE
31	VFS 1 V SIMULATION INACTIVE
32	VFS 1 T SIMULATION ACTIVE
33	VFS 1 T SIMULATION INACTIVE
34	VFS 2 V SIMULATION ACTIVE
35	VFS 2 V SIMULATION INACTIVE
36	VFS 2 T SIMULATION ACTIVE
37	VFS 2 T SIMULATION INACTIVE

Parameter history ID	
ID	**Note**
0	AdvancedSettings DHWTempAttenuation
1	AlarmRelay Active
2	AlarmRelay RelaySelection
3	AlarmRelay Inversion
4	AlarmRelay PT100Error
5	AlarmRelay VFSError
6	AlarmRelay UcError
7	AlarmRelay TimeError
8	AlarmRelay CommError
9	AlarmRelay PumpError
10	AlarmRelay DisinfectionError
11	Buffer Active
12	Buffer Sensor
13	Cascade ControllerType
14	Cascade SwitchoverDelay
15	Cascade SwitchoverON
16	Cascade SwitchoverOFF
17	Circulation Active
18	Circulation TemperatureControll
19	Circulation TimeControll
20	Circulation OnDemandControll
21	Circulation OnDemandWorkTime
22	Circulation OnDemandBreakTime
23	Circulation SensorSelection
24	Circulation TempON
25	Circulation DeltaOFF
26	Circulation ContinousOperation
27	Circulation PumpSpeed
28	ComfortFunction Active
29	ComfortFunction Time
30	ComfortFunction DeltaT
31	ComfortFunction Histeresis
32	ComfortFunction PumpSpeed
33	ComfortFunction ContinousOperation
34	CyclicOperation Delay
35	CyclicOperation DeltaT
36	DHWModuleType
37	DHWTempDynamicRegulation Active
38	Disinfection Active
39	Disinfection Temp
40	Disinfection Duration
41	Disinfection Day
42	Disinfection StartHour
43	Disinfection OK
44	Disinfection StopBeforeTime
45	Display Brightness
46	Display DimBrightness
47	Display Contrast
48	Display ColorInversion
49	Display ScreenLockActive
50	Display ScreenLockDelay
51	Ethernet Active
52	Ethernet DHCP
53	FlowAverage Active
54	FlowAverage SamplesCount
55	FlowAverage LowestValues
56	FlowAverage HighestValues
57	Gateway Active
58	GeneralSettings DateTimeSync
59	GeneralSettings AutoDaylightSaving
60	GeneralSettings FactorySettings
61	Heating Active
62	Heating Sensor
63	Heating Relay
64	HotWater DHWSetpoint
65	HotWater DHWSetpointMin
66	HotWater DHWSetpointMax
67	HygienicFlush Active
68	HygienicFlush StartHour
69	HygienicFlush Duration
70	InputOutput Sensor1
71	InputOutput Sensor2
72	InputOutput Sensor3
73	InputOutput Sensor4
74	InputOutput FlowSensor
75	InputOutput FlowSensor 2
76	ModbusSettings Address
77	ModbusSettings BaudRate
78	ModbusSettings StopBits
79	ModbusSettings DataBits
80	ModbusSettings Parity
81	ParallelRelay Active
82	ParallelRelay Relay1
83	ParallelRelay Relay2
84	Stratification Active
85	Stratification Relay
86	Stratification Mode
87	Stratification DeltaON
88	Stratification DeltaOFF
89	Stratification TempON
90	Stratification Histeresis
91	Straticication Sensor
92	Stratification BlockProtectionTime
93	USB DataLoggingMode
94	USB DataLoggingInterval

95	CirculationWeekMode SundayWindow1
96	CirculationWeekMode SundayWindow2
97	CirculationWeekMode SundayWindow3
98	CirculationWeekMode SundayWindow4
99	CirculationWeekMode SundayWindow5
100	CirculationWeekMode MondayWindow1
101	CirculationWeekMode MondayWindow2
102	CirculationWeekMode MondayWindow3
103	CirculationWeekMode MondayWindow4
104	CirculationWeekMode MondayWindow5
105	CirculationWeekMode TuesdayWindow1
106	CirculationWeekMode TuesdayWindow2
107	CirculationWeekMode TuesdayWindow3
108	CirculationWeekMode TuesdayWindow4
109	CirculationWeekMode TuesdayWindow5
110	CirculationWeekMode WednesdayWindow1
111	CirculationWeekMode WednesdayWindow2
112	CirculationWeekMode WednesdayWindow3
113	CirculationWeekMode WednesdayWindow4
114	CirculationWeekMode WednesdayWindow5
115	CirculationWeekMode ThursdayWindow1
116	CirculationWeekMode ThursdayWindow2
117	CirculationWeekMode ThursdayWindow3
118	CirculationWeekMode ThursdayWindow4
119	CirculationWeekMode ThursdayWindow5
120	CirculationWeekMode FridayWindow1
121	CirculationWeekMode FridayWindow2
122	CirculationWeekMode FridayWindow3
123	CirculationWeekMode FridayWindow4
124	CirculationWeekMode FridayWindow5
125	CirculationWeekMode SaturdayWindow1
126	CirculationWeekMode SaturdayWindow2
127	CirculationWeekMode SaturdayWindow3
128	CirculationWeekMode SaturdayWindow4
129	CirculationWeekMode SaturdayWindow5
130	ComfortWeekMode SundayWindow1
131	ComfortWeekMode SundayWindow2
132	ComfortWeekMode SundayWindow3
133	ComfortWeekMode SundayWindow4
134	ComfortWeekMode SundayWindow5
135	ComfortWeekMode MondayWindow1
136	ComfortWeekMode MondayWindow2
137	ComfortWeekMode MondayWindow3
138	ComfortWeekMode MondayWindow4
139	ComfortWeekMode MondayWindow5
140	ComfortWeekMode TuesdayWindow1
141	ComfortWeekMode TuesdayWindow2
142	ComfortWeekMode TuesdayWindow3
143	ComfortWeekMode TuesdayWindow4
144	ComfortWeekMode TuesdayWindow5
145	ComfortWeekMode WednesdayWindow1
146	ComfortWeekMode WednesdayWindow2
147	ComfortWeekMode WednesdayWindow3
148	ComfortWeekMode WednesdayWindow4
149	ComfortWeekMode WednesdayWindow5
150	ComfortWeekMode ThursdayWindow1
151	ComfortWeekMode ThursdayWindow2
152	ComfortWeekMode ThursdayWindow3
153	ComfortWeekMode ThursdayWindow4
154	ComfortWeekMode ThursdayWindow5
155	ComfortWeekMode FridayWindow1
156	ComfortWeekMode FridayWindow2
157	ComfortWeekMode FridayWindow3
158	ComfortWeekMode FridayWindow4
159	ComfortWeekMode FridayWindow5
160	ComfortWeekMode SaturdayWindow1
161	ComfortWeekMode SaturdayWindow2
162	ComfortWeekMode SaturdayWindow3
163	ComfortWeekMode SaturdayWindow4
164	ComfortWeekMode SaturdayWindow5
165	AdvancedSettings MinSpeed
166	AdvancedSettings DebugLoggingActive

Parameter type ID	
ID	**Note**
0	DEGREE
1	SECONDS
2	MINUTES
3	BOOL
4	FLOW L M
5	PRECENT
6	FACTORY SETTINGS
7	DAY
8	MULTIPLE DAYS
9	K
10	HOUR
11	TIME WINDOW
12	ENUM
13	NONE

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1 Entsorgung

Hinweis

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2 Haftungsausschluss

Sowohl das Einhalten dieser Anleitung als auch die Bedingungen und Methoden bei Installation, Betrieb, Verwendung und Instandhaltung des Reglers, können vom Hersteller nicht überwacht werden. Eine unsachgemäße Ausführung der Installation kann zu Sachschäden führen und in Folge Personen gefährden.

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Auf dieses Produkt hat der Kunde entsprechend den gesetzlichen Regelungen 2 Jahre Gewährleistung. Der Verkäufer wird sämtliche Fabrikations- und Materialfehler, die sich am Produkt während der Gewährleistungszeit zeigen und die Funktionsfähigkeit des Produktes beeinträchtigen, beseitigen. Natürliche Abnutzung stellt keinen Fehler dar.

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Vor der Abwicklung eines Gewährleistungsanspruches ist der Verkäufer zu informieren.
Zur Abwicklung ist dem Gerät eine genaue Fehlerbeschreibung mit Rechnung/Lieferschein beizufügen.
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