

RESOL Modbus/TCP Configuration

Filename: Oventrop_Regtronic_RQ_X80_ModbusConfig_1.0.4.cbor
ID: Oventrop_Regtronic_RQ_X80
Version: 1.0.4
Build at: 2022-10-20 10:16

Endianness: Big Endian

Coils (Type 0 / Modbus function code 01)

No values defined!

Discrete Inputs (Type 1 / Modbus function code 02)

Address	Description	R/W	Factor	Unit
0	Sensor fault S1	R	1	
1	Sensor fault S2	R	1	
2	Sensor fault S3	R	1	
3	Sensor fault S4	R	1	
4	Sensor fault S5	R	1	
5	Sensor fault S6	R	1	
6	Sensor fault S7	R	1	
7	Disinfection: flow to low	R	1	
8	Disinfection: failed	R	1	
9	Overtemperature protection active	R	1	
10	Mode Permanent	R	1	
11	Mode Therm	R	1	
12	Mode Demand	R	1	
13	Error relay: active	R	1	
14	Stratified return: active	R	1	

Input Registers (Type 3 / Modbus function code 04)

Address	Description	R/W	Data type	Factor	Unit
0	Temperature sensor 1	R	int16	0.1	°C
1	Temperature sensor 2	R	int16	0.1	°C
2	Temperature sensor 3	R	int16	0.1	°C
3	Temperature sensor 4	R	int16	0.1	°C
4	Temperature sensor 5	R	int16	0.1	°C
5	Temperature sensor 6	R	int16	0.1	°C
6	Temperature sensor 7	R	int16	0.1	°C
7	Flow Turbotron (bits 16..31)	R	int32	1	l/h
8	Flow Turbotron (bits 0..15)	R	int32	1	l/h
9	Irradiation sensor 9	R	int16	1	W/m ²
10	PWM In dutycycle 1 (bits 16..31)	R	int32	0.001	%
11	PWM In dutycycle 1 (bits 0..15)	R	int32	0.001	%
12	PWM In dutycycle 2 (bits 16..31)	R	int32	0.001	%
13	PWM In dutycycle 2 (bits 0..15)	R	int32	0.001	%
14	PWM In dutycycle 3 (bits 16..31)	R	int32	0.001	%
15	PWM In dutycycle 3 (bits 0..15)	R	int32	0.001	%
16	PWM In dutycycle 4 (bits 16..31)	R	int32	0.001	%
17	PWM In dutycycle 4 (bits 0..15)	R	int32	0.001	%
18	Pump speed relay 1	R	uint16	1	%
19	Pump speed relay 2	R	uint16	1	%
20	Pump speed relay 3	R	uint16	1	%
21	Pump speed relay 4	R	uint16	1	%
22	Operating seconds relay 1 (bits 16..31)	R	uint32	1	s
23	Operating seconds relay 1 (bits 0..15)	R	uint32	1	s
24	Operating seconds relay 2 (bits 16..31)	R	uint32	1	s
25	Operating seconds relay 2 (bits 0..15)	R	uint32	1	s
26	Operating seconds relay 3 (bits 16..31)	R	uint32	1	s
27	Operating seconds relay 3 (bits 0..15)	R	uint32	1	s
28	Operating seconds relay 4 (bits 16..31)	R	uint32	1	s
29	Operating seconds relay 4 (bits 0..15)	R	uint32	1	s
30	Heat quantity (bits 16..31)	R	uint32	1	Wh
31	Heat quantity (bits 0..15)	R	uint32	1	Wh
32	Error (bits 16..31)	R	uint32	1	
33	Error (bits 0..15)	R	uint32	1	
36	Version	R	uint16	0.01	

Holding Registers (Type 4 / Modbus function code 06)

Address	Description	R/W	Data type	Factor	Unit
0	Parameter Hot water >> T-HW set	R/W	int16	0.1	°C
1	Parameter Hot water >> Emergency speed	R/W	uint16	1	
2	Parameter Disinfection >> T-disinf set	R/W	int16	0.1	°C
3	Parameter Hot water >> Option Emergency speed	R/W	uint16	1	
4	Parameter Disinfection >> Manual start >> Start request	R/W	uint16	1	
5	Parameter Disinfection >> Manual start >> Cancel...	R/W	uint16	1	