

# RESOL Modbus/TCP Configuration

**Filename:** RESOL\_DeltaSol\_SLT\_ModbusConfig\_1.0.0.cbor  
**ID:** RESOL\_DeltaSol\_SLT  
**Version:** 1.0.0  
**Build at:** 2018-11-26 19:28

## **Coils (Type 0)**

No values defined!

## Discrete Inputs (Type 1)

Address	Description	Factor	Unit
0	Error: Sensor line broken	1	
1	Error: Sensor line short-circuited	1	
2	Error: Flow rate monitoring	1	
3	Error: Overpressure	1	
4	Error: Low pressure	1	
5	Error: Data memory	1	
6	Error: Real-time clock	1	
7	Error: Twin pump	1	
8	Warning: $\Delta T$ too high	1	
9	Warning: Night circulation	1	
10	Warning: Flow/Return interchanged	1	
11	Warning: Maximum store temperature	1	
12	Error: SD card	1	

## Input Registers (Type 3)

Address	Description	Factor	Unit
0	System date (bits 16..31)	1	
1	System date (bits 0..15)	1	
2	Temperature sensor 1	0.1	°C
3	Temperature sensor 2	0.1	°C
4	Temperature sensor 3	0.1	°C
5	Temperature sensor 4	0.1	°C
6	Temperature sensor 5	0.1	°C
7	Temperature VFS/RPS (S6)	0.1	°C
8	Flow rate V40 (bits 16..31)	1	l/h
9	Flow rate V40 (bits 0..15)	1	l/h
10	Flow rate VFS (S6) (bits 16..31)	1	l/h
11	Flow rate VFS (S6) (bits 0..15)	1	l/h
12	Flow rate Flowrotor (S7) (bits 16..31)	1	l/h
13	Flow rate Flowrotor (S7) (bits 0..15)	1	l/h
14	Pressure RPS (S6)	0.01	bar
15	Pump speed relay 1	1	%
16	Pump speed relay 2	1	%
17	Pump speed relay 3	1	%
18	Pump speed relay 4	1	%
19	PWM A	1	%
20	PWM B	1	%
21	Error mask (bits 16..31)	1	
22	Error mask (bits 0..15)	1	
23	Warning mask (bits 16..31)	1	
24	Warning mask (bits 0..15)	1	
25	Heat In total (bits 16..31)	1	Wh
26	Heat In total (bits 0..15)	1	Wh
27	Heat Today (bits 16..31)	1	Wh
28	Heat Today (bits 0..15)	1	Wh
29	Heat Yesterday (bits 16..31)	1	Wh
30	Heat Yesterday (bits 0..15)	1	Wh
31	Heat Week (bits 16..31)	1	Wh
32	Heat Week (bits 0..15)	1	Wh
33	Heat Previous week (bits 16..31)	1	Wh
34	Heat Previous week (bits 0..15)	1	Wh
35	Heat Month (bits 16..31)	1	Wh
36	Heat Month (bits 0..15)	1	Wh
37	Heat Previous month (bits 16..31)	1	Wh
38	Heat Previous month (bits 0..15)	1	Wh

**Input Registers (Type 3) cont.**

Address	Description	Factor	Unit
39	Heat Year (bits 16..31)	1	Wh
40	Heat Year (bits 0..15)	1	Wh
41	Heat Previous year (bits 16..31)	1	Wh
42	Heat Previous year (bits 0..15)	1	Wh
43	Volume in total (bits 16..31)	1	l
44	Volume in total (bits 0..15)	1	l
45	Volume today (bits 16..31)	1	l
46	Volume today (bits 0..15)	1	l
47	Volume yesterday (bits 16..31)	1	l
48	Volume yesterday (bits 0..15)	1	l
49	Volume week (bits 16..31)	1	l
50	Volume week (bits 0..15)	1	l
51	Volume previous week (bits 16..31)	1	l
52	Volume previous week (bits 0..15)	1	l
53	Volume month (bits 16..31)	1	l
54	Volume month (bits 0..15)	1	l
55	Volume previous month (bits 16..31)	1	l
56	Volume previous month (bits 0..15)	1	l
57	Volume year (bits 16..31)	1	l
58	Volume year (bits 0..15)	1	l
59	Volume previous year (bits 16..31)	1	l
60	Volume previous year (bits 0..15)	1	l
61	Power (bits 16..31)	0.001	kW
62	Power (bits 0..15)	0.001	kW
63	Heat In total (bits 16..31)	1	Wh
64	Heat In total (bits 0..15)	1	Wh
65	Heat Today (bits 16..31)	1	Wh
66	Heat Today (bits 0..15)	1	Wh
67	Heat Yesterday (bits 16..31)	1	Wh
68	Heat Yesterday (bits 0..15)	1	Wh
69	Heat Week (bits 16..31)	1	Wh
70	Heat Week (bits 0..15)	1	Wh
71	Heat Previous week (bits 16..31)	1	Wh
72	Heat Previous week (bits 0..15)	1	Wh
73	Heat Month (bits 16..31)	1	Wh
74	Heat Month (bits 0..15)	1	Wh
75	Heat Previuos month (bits 16..31)	1	Wh
76	Heat Previuos month (bits 0..15)	1	Wh
77	Heat Year (bits 16..31)	1	Wh

**Input Registers (Type 3) cont.**

Address	Description	Factor	Unit
78	Heat Year (bits 0..15)	1	Wh
79	Heat Previous year (bits 16..31)	1	Wh
80	Heat Previous year (bits 0..15)	1	Wh
81	Volume in total (bits 16..31)	1	l
82	Volume in total (bits 0..15)	1	l
83	Volume today (bits 16..31)	1	l
84	Volume today (bits 0..15)	1	l
85	Volume yesterday (bits 16..31)	1	l
86	Volume yesterday (bits 0..15)	1	l
87	Volume week (bits 16..31)	1	l
88	Volume week (bits 0..15)	1	l
89	Volume previous week (bits 16..31)	1	l
90	Volume previous week (bits 0..15)	1	l
91	Volume month (bits 16..31)	1	l
92	Volume month (bits 0..15)	1	l
93	Volume previous month (bits 16..31)	1	l
94	Volume previous month (bits 0..15)	1	l
95	Volume year (bits 16..31)	1	l
96	Volume year (bits 0..15)	1	l
97	Volume previous year (bits 16..31)	1	l
98	Volume previous year (bits 0..15)	1	l
99	Power (bits 16..31)	0.001	kW
100	Power (bits 0..15)	0.001	kW

## **Holding Registers (Type 4)**

No values defined!