



TG-DHW1/PT100

Immersion sensor with well and housing.

Temperature sensor with PT1000 element for water temperature measurement.

- Anti-tear M16 cable gland
- Screw cap
- R1/2" connection

- Well and probe in stainless steel
- Modern design and compact format
- Simple and quick installation

Tempero series immersion sensor with a modern design suiting all environments. The sensor part has a snap-on fastening for the well, making it easy to mount.

Comes supplied with a DR-90WS model well.

Technical data

Temperature range	-20...+120°C
Sensor element	PT100, 100 Ω/0°C, DIN class B
Time constant	18 s (12 s with heat-conductive paste)
Cable gland	M16
Insertion length, well	90 mm
Diameter, probe	5 mm
Diameter, well	8 mm
Connection	R1/2"
Pressure rating	PN25
Protection class	IP65

Material

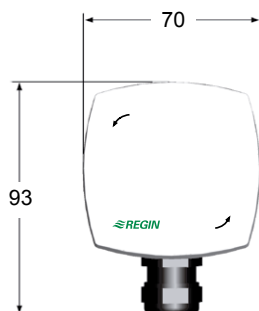
Housing	Polycarbonate
Probe and well	Stainless steel, SUS304

Colour

Cover	Polar white RAL9010
Base	Dark grey RAL7043

Temperature (°C)	Resistance (Ω)	Temperature (°C)	Resistance (Ω)
35	113.6	120	146.1
30	111.7	110	142.3
25	109.7	100	138.5
20	107.8	90	134.7
15	105.9	80	130.9
10	103.9	70	127.1
5	101.9	65	125.2
0	100.0	60	123.2
-5	98.0	55	121.3
-10	96.1	50	119.4
-15	94.1	45	117.5
-20	92.2	40	115.5

Dimensions (mm)



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