



TG-DHW1/NTC10-02

Immersion sensor with well and housing.

Temperature sensor with NTC10 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.

The sensor is compatible with Carel, Evco, Eliwell and AB Industrietechnik.

Technical data

Temperature range	-20...+110°C
Compatible with	Carel, Evco, Eliwell, AB Industrietechnik
Sensor element	NTC 10k, 10 kΩ/25°C
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

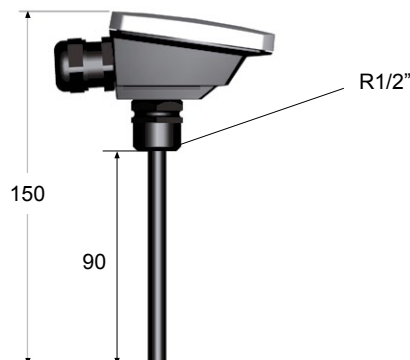
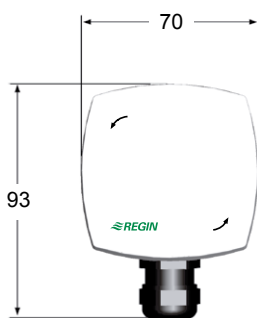
Colour

Cover	Polar white RAL9010
Base	Dark grey RAL7043

Temperature (°C)	Resistance (Ω)
35	6940
30	8313
25	10000
20	12080
15	14690
10	17960
5	22050
0	27280
-5	33900
-10	42470
-15	53410
-20	67770

Temperature (°C)	Resistance (Ω)
110	767
100	973
90	1266
80	1668
70	2228
65	2588
60	3020
55	3536
50	4160
45	4911
40	5827

Dimensions (mm)



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