



TG-DHW1/NI1000-01

Immersion sensor with well and housing.

Temperature sensor with Ni1000 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 Siemens and Landis & Staefa.

Technical data

Temperature range	-20...+120°C
Compatible with	Siemens, Landis & Staefa
Sensor element	Ni1000, 1000 Ω/0°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

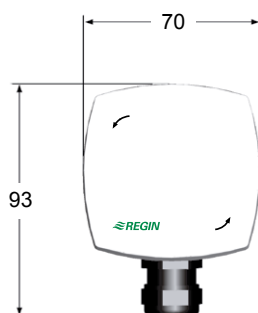
Colour

Cover	Polar white RAL9010
Base	Dark grey RAL7043

Temperature (°C)	Resistance (Ω)
35	1162
30	1138
25	1114
20	1091
15	1068
10	1045
5	1022
0	1000
-5	978
-10	956
-15	935
-20	914

Temperature (°C)	Resistance (Ω)
120	1615
110	1557
100	1500
90	1444
80	1390
70	1337
65	1311
60	1285
55	1260
50	1235
45	1210
40	1186

Dimensions (mm)



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