



TG-DHW1/NI1000-02

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 Sauter.

Technical data

Temperature range	-20...+120°C
Compatible with	Sauter
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

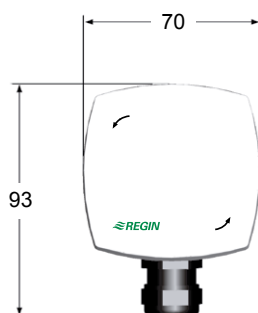
Housing	Polycarbonate
Probe and well	Stainless steel, SUS304

Colour

Cover	Polar white RAL9010
Base	Dark grey RAL7043

Temperature (°C)	Resistance (Ω)	Temperature (°C)	Resistance (Ω)
35	1200	120	1760
30	1171	110	1688
25	1141	100	1618
20	1112	90	1549
15	1084	80	1483
10	1056	70	1417
5	1028	65	1385
0	1000	60	1353
-5	973	55	1322
-10	946	50	1291
-15	919	45	1260
-20	893	40	1230

Dimensions (mm)



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