



TG-DHWA/PT100

Immersion sensor with well in acid-proof, stainless steel and housing.

Temperature sensor with PT100 element for water temperature measurement.

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

- Well in acid-proof, 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-90W 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, well	R1/2"
Pressure rating	PN25
Protection class	IP65

Material

Housing	Polycarbonate
Probe	Stainless steel, SUS304
Well	Acid-proof stainless steel, SUS316

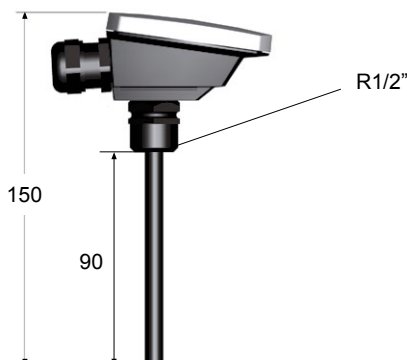
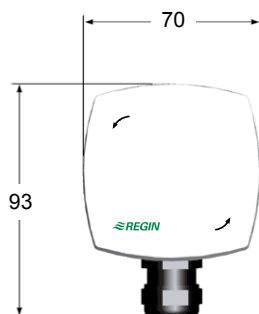
Colour

Cover	Polar white RAL9010
Base	Dark grey RAL7043

Temperature (°C)	Resistance (Ω)
35	113.6
30	111.7
25	109.7
20	107.8
15	105.9
10	103.9
5	101.9
0	100.0
-5	98.0
-10	96.1
-15	94.1
-20	92.2

Temperature (°C)	Resistance (Ω)
120	146.1
110	142.3
100	138.5
90	134.7
80	130.9
70	127.1
65	125.2
60	123.2
55	121.3
50	119.4
45	117.5
40	115.5

Dimensions (mm)



Head office Sweden

Phone: +46 31 720 02 00
Web: www.regincontrols.com
Mail: info@regin.se

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