TG-DH312/...

Immersion sensor with housing, without well, R1/2"

Immersion sensor for temperature measurement in district heating systems. Probe in stainless steel without a well. Available in different lengths.

- ✓ Sealed housing with IP65
- ✓ Easy access to connection
- ✓ Replaceable cable gland
- ✓ Time constant 2 s

Application

The immersion sensor measures the temperature in district heating systems. It can be used for a wide range of applications.

Function

The immersion sensor is suitable for all environments. Since it is installed using a threaded connection it closes tightly against the pipe wall.

Installation

The terminal block for connecting the analog input to a controller is located under the cover. The cover is easily removed from the base with a twist.

The sensor is designed so that the seal remains in the cover at all times and the cable gland is replaceable.

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Technical data

Protection class	IP65
Time constant	2 s
Measuring range, temperature	-20...+120 °C
Cable gland	M16
Connection, without well	R1/2"
Diameter, probe	4 mm
Pressure rating	PN16
Dimensions, external (WxHxD)	78 x 187 x 104 mm
Weight (incl. packaging)	0.21 kg

CE

This product carries the CE-mark. More information is available at www.regincontrols.com.

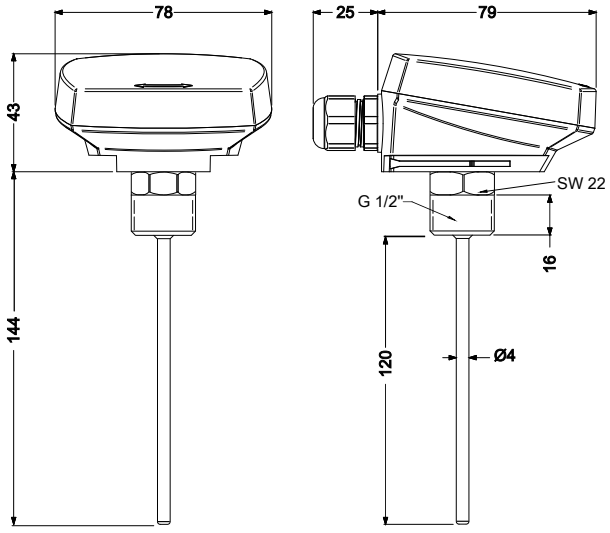
Material

Material, housing	Polycarbonate (PC)
Material, base	Polycarbonate (PC)
Material, probe	Stainless steel, SUS304

Models

Article	Insertion length	Sensor element	Nominal resistance	Equivalent
TG-DH312/PT1000-50	50 mm	PT1000	1000 Ω (0°C)	-
TG-DH312/PT1000-90	90 mm	PT1000	1000 Ω (0°C)	-
TG-DH312/PT1000	120 mm	PT1000	1000 Ω (0°C)	-
TG-DH312/PT1000-170	170 mm	PT1000	1000 Ω (0°C)	-

Dimensions



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Documentation

All documentation can be downloaded from www.regincontrols.com.