

# 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.

## Technical data

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



This product carries the CE-mark. More information is available at [www.regincontrols.com](http://www.regincontrols.com).

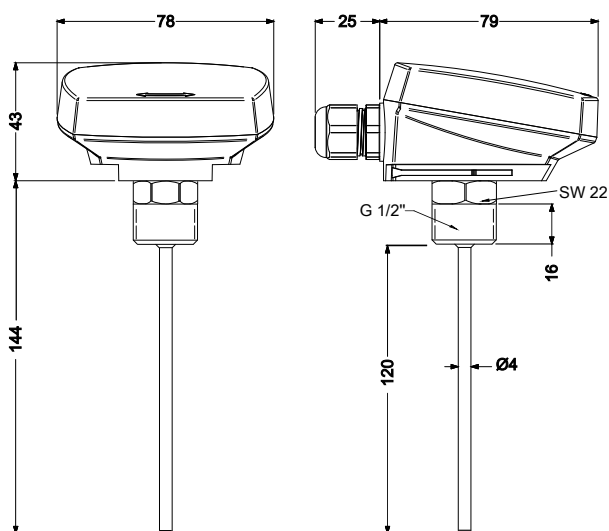
## Material

<b>Material, housing</b>	Polycarbonate (PC)
<b>Material, base</b>	Polycarbonate (PC)
<b>Material, probe</b>	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



[mm]

HEAD OFFICE SWEDEN

Phone: +46 31 720 02 00

Web: [www.regincontrols.com](http://www.regincontrols.com)

E-mail: [info@regincontrols.com](mailto:info@regincontrols.com)

TG-DH312/...

## Documentation

All documentation can be downloaded from [www.regincontrols.com](http://www.regincontrols.com).