



# TG-D3/PT100

Immersion sensor with adjustable insertion length

Temperature sensor with PT100 element for water temperature measurement.

- Adjustable insertion length of up to 300 mm
- Quick response
- Simple and quick installation
- Probe in stainless steel

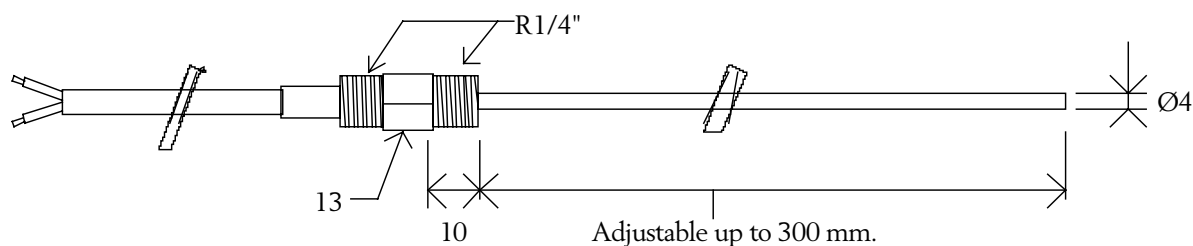
Immersion sensor for use in domestic hot water systems.

## Technical data

|                   |   |
|-------------------|---|
| Temperature range | -30...+70°C                             |
| Sensor element    | PT100, 100 Ω/0°C, DIN class B           |
| Time constant     | 4 s                                     |
| Pressure rating   | PN10                                    |
| Connection        | R1/4"                                   |
| Insertion length  | Max. 300 mm                             |
| Cable length      | 1.5 m                                   |
| Protection class  | IP65                                    |
| Material          | Stainless steel, SUS304, non acid-proof |

| Temperature (°C) | Resistance (Ω) | Temperature (°C) | Resistance (Ω) |
|------------------|----------------|------------------|----------------|
| 15               | 105.9          | 70               | 127.1          |
| 10               | 103.9          | 65               | 125.2          |
| 5                | 101.9          | 60               | 123.2          |
| 0                | 100.0          | 55               | 121.3          |
| -5               | 98.0           | 50               | 119.4          |
| -10              | 96.1           | 45               | 117.5          |
| -15              | 94.1           | 40               | 115.5          |
| -20              | 92.2           | 35               | 113.6          |
| -25              | 90.2           | 30               | 111.7          |
| -30              | 88.2           | 25               | 109.7          |
|                  |                | 20               | 107.8          |

## Dimensions (mm)



### Head office Sweden

Phone: +46 31 720 02 00  
 Web: [www.regincontrols.com](http://www.regincontrols.com)  
 Mail: [info@regin.se](mailto:info@regin.se)

**REGIN**

THE CHALLENGER IN BUILDING AUTOMATION