

# RemoteRTD

## TEMPERATURE SENSOR

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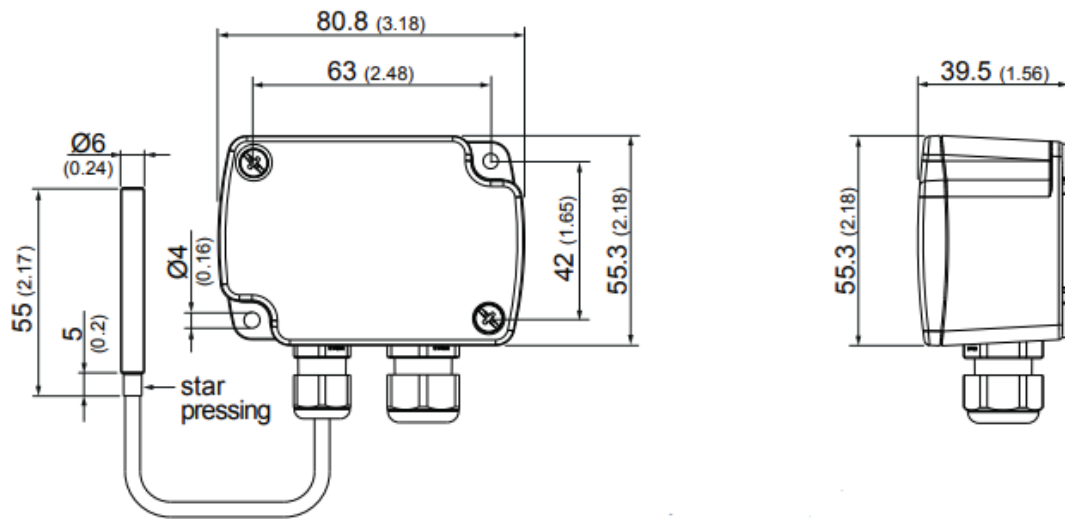
**T**he Remote RTD is a small, cost-effective high, accuracy temperature sensor suited for cleanroom applications and monitoring laboratory equipment where the product is stored. Ideal for incubator, oven, fridge, and freezer applications in your facility or basic room monitoring and storage facility monitoring for product storage.

With an easy installation, IP65 rated cable outlet, and IP65/NEMA 4 enclosure, the Remote RTD is most suitable for cleanroom applications requiring high protection class. The easy-install design enables secure mounting on vertical or horizontal surfaces.

Only one CAT 5/6 cable is required for power and communications.

### FEATURES

- Multi-range measurement
- Smooth Cover and Cleanroom Friendly
- Simple On-site Installation
- Long Term Sensor Stability
- Bayonet Screws for Easy Access  $\frac{1}{4}$  Turn Rotation
- IP65/NEMA Enclosure
- Remote Probe Option with Different Cable
- 2 Year Warranty



## TECHNICAL DATASHEET

### RemoteRTD Temperature

#### Features / Models

#### Active Output

Working Range	Remote probe: -30 °C... +105 °C (-22 °F...+221 °F)
Output	4 - 20 mA
Sensing Element	Pt1000 (class A, DIN EN60751)
Accuracy	±0.3 °C (±0.54 °F) at 20 °C (68 °F)
Power Supply	10 V DC + RL x 20 mA < V+ < 35 V DC
Electromagnetic Compatibility	EN61326-1, EN61326-2-3 - Industrial Environment

#### Passive Output

Working Range	-30 °C...+105 °C (-22 °F...+221 °F)
T-sensor Connection	Two-wire
Electrical Connection	screw terminal, 2x max. 2.5 mm <sup>2</sup> (0.004 in <sup>2</sup> )

#### General

Housing Material	Polycarbonate, UL94V-0 (with Display UL94HB) approved
Protection Class	Enclosure IP65 / NEMA4, remote probe IP20
Cable Gland	M16x1.5, UL94-V2
Hose Clamp Material	stainless steel (corr. 1.4301 / 304)
Storage Temperature	-30 °C...+70 °C (-22 °F...+158 °F)
Storage And Working Humidity	5 % rh...95 % rh, no condensation

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