

The **RemoteRTD** is a compact, cost-effective, and high-accuracy temperature sensor designed for cleanroom applications and laboratory equipment monitoring.

RemoteRTD is ideal for use in incubators, ovens, fridges, and freezers, as well as for room and storage facility monitoring where product conditions need to be carefully controlled.

With its IP65-rated cable outlet and IP65/ NEMA 4 enclosure, the Remote RTD provides robust protection for cleanroom environments. Its easy-install design allows for secure mounting on vertical or horizontal surfaces, ensuring flexibility in placement. Plus, it requires only one CAT 5/6 cable for both power and communication, simplifying installation and setup.

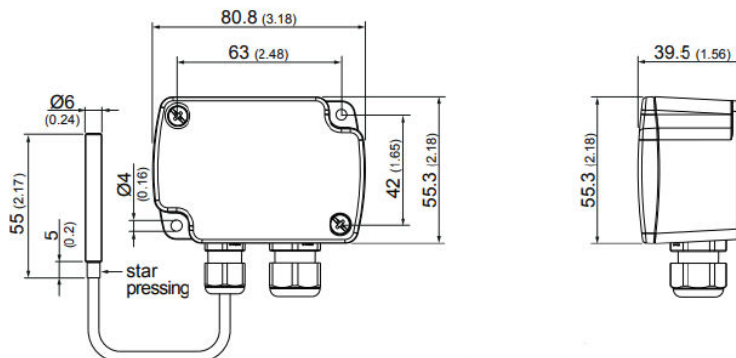
Features

- Multi-range measurement
- Smooth cover and cleanroom friendly
- Simple on-site installation
- Long term sensor stability
- Bayonet screws for easy access 1/4 turn rotation
- IP65/NEMA enclosure
- Ethernet/RS485/Modbus, 4x 4-20mA analog inputs
- Remote probe option with different cable
- 2 year warranty



RemoteRTD

TEMPERATURE SENSOR



RemoteRTD

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 ² (0.004 in ²)
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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