

# INTEGRATED Pt-100 & TRANSMITTER RTP-2

- ACCURACY OF 0.1%
- TWO-WIRE TRANSMITTER
- 4-20 mA OUTPUT CURRENT
- IP-65 ENCLOSURE
- LOW COST



RTP-2 is an integrated Pt-100 sensor and transmitter unit.

The unit was designed to be applied in high humidity installations such as greenhouses, agricultural applications and climate control systems.

The RTP-2's calibration can be altered by changing two coarse range resistors, located on pins behind the unit's cover, and by its fine tuning potentiometers (Zero and Span).

The RTP-2 is housed in an IP 65 polycarbonate box, suitable for operation in high humidity conditions.

# SPECIFICATIONS

# RTP-2

**PROBE:**  
Pt-100

**PROBE LENGTH:**  
100 mm

**TRANSMITTER:**  
Two-wire

**OUTPUT:**  
4-20 mA

**ACCURACY (including linearization):**  
 $\pm 0.1\%$  of span

**SUPPLY:**  
10-36 Vdc

**TEMPERATURE:**  
Operation: -25 to +85°C  
Storage: -35 to +85°C

**ENCLOSURE:**  
Plastic polycarbonate

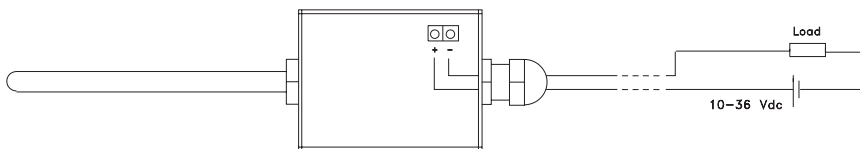
**DEGREE OF PROTECTION:**  
IP-65

**MOUNTING:**  
On a wall

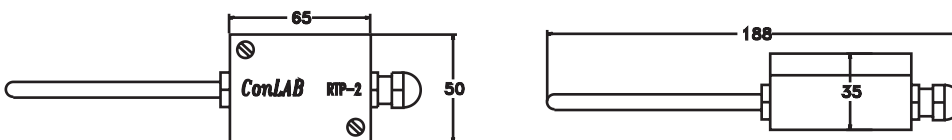
**CABLE GLAND:**  
For 3 - 6 mm diameter for  
hermetically fastening

**WEIGHT:** 100 grams

**Connection Diagram**



**Dimensions (mm)**



data subject to change without notice

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