



# LABFACILITY

## TEMPERATURE & PROCESS TECHNOLOGY

### LOW COST, HIGH ACCURACY 2 WIRE TEMPERATURE TRANSMITTER



- ◆ 4-20mA, 2 wire loop
- ◆ Low cost
- ◆ High accuracy
- ◆ In-head mounting, DIN standard fixing
- ◆ Pt100
- ◆ High reliability
- ◆ Non-interactive span & zero pots for calibration
- ◆ Permits virtually unlimited length of cable run in low-cost copper
- ◆ More expensive thermocouple extension cable not required
- ◆ Rugged construction
- ◆ Effective input 'noise' rejection
- ◆ CE compliant
- ◆ RoHS compliant

#### About Labfacility

Formed in 1971, Labfacility specialize in the field of Temperature and Process Measurement.

We are the largest UK manufacturer of both temperature sensors and thermocouple connectors

#### Quality & Service

Quality and Service are key elements in the continued growth of Labfacility.

Technical support is always freely available from our experienced technical sales teams and the company has ISO9001 accreditation.

#### Contact Details

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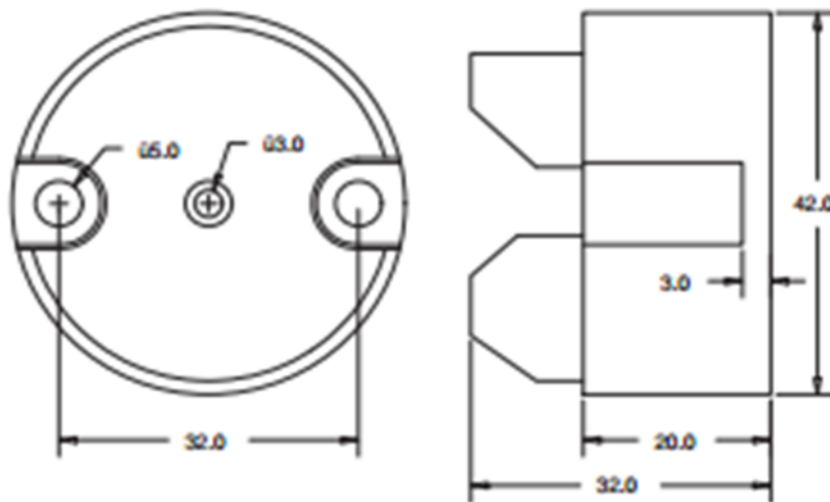


**Specification**

Load capability (Vs -12)/0.02 Ohm; Vs = 12 to 36Vdc  
 Ambient operating temperature 0 to 70 °C  
 Storage temperature -20 to 100 °C  
 Zero adjustment potentiometer ±20% of span, 25 turns  
 Span adjustment potentiometer down to 50% of span for thermocouple input and 30% of Span for PRT100 input, 25 turns (see note 1)

**Mechanical**

Head mounting, dia.42mm, height 32mm, 2 mounting holes 32mm between centres



All dimensions in mm.

Note 1: The transmitter can be easily ranged and calibrated by means of the multi-turn zero and span adjusters in conjunction with either a mV source or standard resistance input. For example, a type K-thermocouple which has a working temperature range of 0 to 1100°C can be easily calibrated to operate between 0 to 600°C, where 4mA and 20mA represent 0 and 600°C respectively.

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