

HEAD MOUNTED UNIVERSAL TEMPERATURE TRANSMITTER

Special Features:

- Programmable Universal Input (RTD / Ω / Thermocouples / mV / V)
- Linear Signal Output
- Current Loop Powered
- PC Based Configuration via USB Cable
- High Accuracy and Repeatability



Applications:

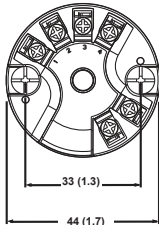
Food & beverage, pharmaceutical, chemical & petrochemical industries, conventional & nuclear plants, pumps, presses, turbines, hydro-cleaning machines, diesel engines & refrigerating plants.

Specifications:

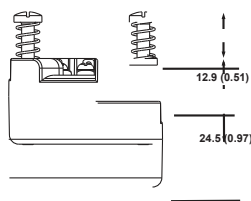
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|-----------------|--|
| Input RTD | : Pt-50, Pt100 (2W / 3W / 4W), Pt-500, Pt-1000 |
| Thermocouples | : Type B, E, J, K, N, R, S, T |
| | Ω 0 ~ 500 Ω , 0 ~ 4500 Ω |
| | mV-120 ~ 120 mV, -1000 ~ 1000 mV |
| Output | : 4 - 20 mA, two wire |
| Accuracy | : $\pm 0.1\%$ of the calibrated span |
| Storage Temp. | : -40°C to 120°C |
| Operating Temp. | : -40°C to 85°C |
| Calibration | : Configuration with PC via USB Cable |
| Isolation | : Input / Output Isolation Tested to 500 VAC rms (707 VDC) at 50 / 60 Hz |
| Loop Supply | : 24V DC nominal (12 to 36)V DC |
| Loop Resistance | : 600 Ω @ 24V DC |
| Burn Out | : Upscale for RTD PT-100 / Thermocouples |
| Protection | : IP68 |
| Update Rate | : 0.5 sec |
| Turn On Time | : 5 sec after power is applied |
| Minimum Span | : 10 °C / 18 °F |
| Agency Approval | : CE |

Dimensions:

T148R Top View



T148R Side View



Dimensions are in millimeters (inches)

Wiring Drawing:

