

TEMPERATURE SENSOR WITH TRANSMITTER

Special Features:

- Mineral Insulated
- Available in all sheath diameters
- Mineral Insulation enables flexibility and durability
- Class 'A' Tolerance as per IEC-751
- Sheath Available in exotic materials

Applications:

Such Design is generally used in all industries, machinery manufacturers, bearing temperature measurement, etc. where space is limited

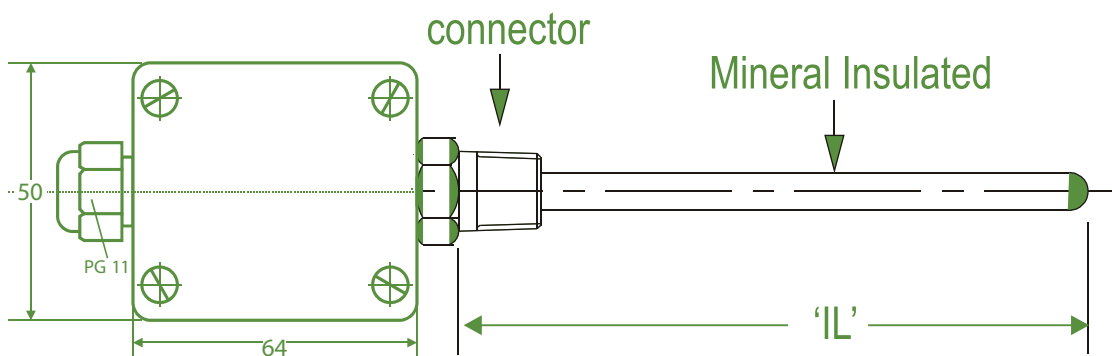


Performance Specifications:

| | |
|---------------------|--|
| No. of Element | : Simplex / Duplex / Triplex |
| Element Type | : PT-100 / PT-1000 |
| Temperature Range | : -200°C to 600°C (Customized Ranges Possible) |
| Ambient Temperature | : -80°C to 150°C |
| Accuracy | : ±0.2% of F.S |
| Max Pressure | : 16 Bar |
| Input Voltage | : 12 - 36 VDC |
| Output | : 4 - 20 mA / PT-100 / PT-1000 |
| Sheath Diameter | : 3mm - 12 mm |
| Display | : 4 Digit 7 Segment LED Optional |
| Units | : °C / °F / °K |

| | |
|---------------------|---|
| Wetted Parts | : AISI 316 SS |
| Connection | : AISI 316 SS |
| Case | : Diecast Aluminium |
| Connector | : Nylon 6/6 |
| Media Compatibility | : All Materials compatible with AISI 316 SS |
| Protection | : IP 66 |

Dimensions:



HOW TO ORDER

Basic Model:

MTT001

S Simplex D Duplex T Triplex

S

Output Type:

Cur

Pt-100 Pt - 100 RTD Pt-1000 Pt - 1000 RTD Cur 4 - 20mA, 2 Wire

Cur

Temperature Range:

C

F -200 C to 200 C C 0 C to 500 C X Custom Range

C

Wire Configuration:

2W

2W 2-Wire Configuration 3W 3-Wire Configuration 4W 4-Wire Configuration

2W

Sheath Diameter:

6mm

3mm 3mm Diameter 6mm 6mm Diameter 10mm 10mm Diameter NIL NIL

6mm

Process Connection (P):

06B

| | | | | | | | |
|-----|--------------|------|---------------|------|---------------|-----|----------------|
| 03B | 1/8" BSP (M) | 06BT | 1/4" BSPT (M) | 15N | 1/2" NPT (M) | M16 | M 16 X 1.5 (M) |
| 03N | 1/8" NPT (M) | 10B | 3/8" BSP (M) | 15B | 1/2" BSP (M) | M20 | M 20 X 1.5 (M) |
| 06B | 1/4" BSP (M) | 10BT | 3/8" BSPT (M) | 15BT | 1/2" BSPT (M) | XXX | Other |
| 06N | 1/4" NPT (M) | 10N | 3/8" NPT (M) | M12 | M 12 X 1 (M) | NIL | NIL |

06B

Terminal Head Connection:

PG1

M12 M12, 2 Pin Connection PG1 PG11 Cable Gland DIN Mini DIN XX Custom

PG1

Immersion Length:

L100

L Indicate Immersion Length in mm

L100

Options:

HTT

| | | | |
|-----|---|-----|------------------------------------|
| HTT | Head Mounted Temperature Transmitter with HART | FPC | Five Point Calibration Certificate |
| BPT | S.S Base Plate for Temperature Transmitter Mounting | STP | Stainless Steel Tag Plate |
| 3DN | 1/3 DIN Accuracy | 5DN | 1/5 DIN Accuracy |

Ordering Example:

MTT001-S-CUR-C-2W-6MM-06B-PG1-L100MM-HTT

HTT