

Wall & Duct Mount Versatile Temperature Transmitter

ST 30 Series

Wall & Duct Mounting Options

4-20 mA / 0-10 V Output Types

0 to 50°C & -20 to 60°C Temperature Ranges

High Accuracy, Class A, Pt1000 Sensor

Process Precision Instruments

Vasai Road (E), Dist. Palghar - 401210,
Maharashtra, India

www.ppiindia.net

Applications

- HVAC and Building Management Systems (BMS)
- Computer Room & Server Rack Temperature Monitoring
- Industrial Process Temperature Control
- Air Duct or Ventilation Duct Temperature Sensing
- Cold Storage and Warehouse Temperature Logging
- Cleanroom and Laboratory Climate Control
- Temperature Monitoring in Food Processing or Packaging Plants

Salient Features

- Versatile Temperature Transmitter for Industrial & HVAC Applications
- Wall-Mount & Duct-Mount Options
- Rugged Stainless Steel Probe (Ø6 mm) with Adjustable Length
- Industrial Polycarbonate (PC) Housing with IP65 Protection
- Bayonet Screws for Easy Installation (Open / Close with ¼ Rotation)
- High Accuracy, Class A Sensors from Heraeus, Germany
- Fast Response and Low Temperature Drift
- 4 to 20 mA & 0 to 10 VDC Output Options
- Wide Power Supply Range : 19 to 35 VDC
- CE & RoHS Certified

Wall Mount



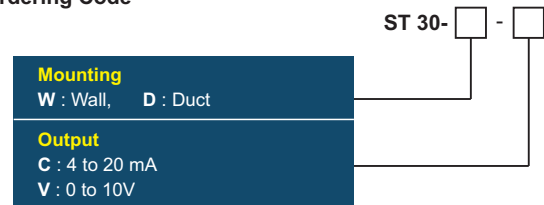
Duct Mount



General Information

Product Type Wall & Duct Mount Versatile Temperature Transmitter

Ordering Code



Example : ST 30-W-C

Mounting : Wall, Output : 4 to 20 mA

Quantity 1 Unit

Accessories Flange with Screw Sets for Duct Mounting

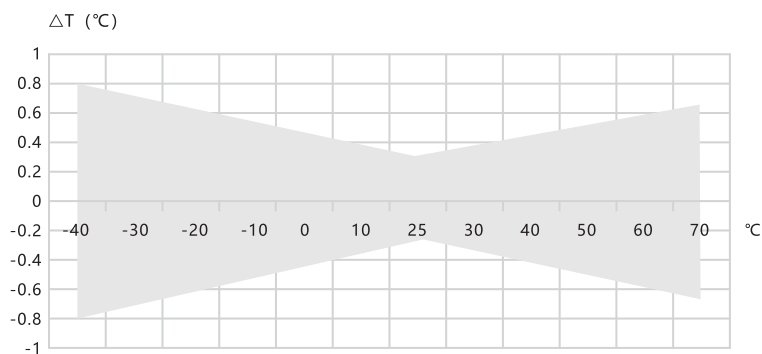
Wall & Duct Mount Versatile Temperature Transmitter

General Specifications

Housing Material	Shell : Polycarbonate (PC) Probe : SS 316
Power Supply	Voltage Output : 15 to 35 VDC Current Output : 18.5 to 35 VDC
Working Environment	-40 to 70°C, 5 to 95%RH (Non-condensing)
Protection Class / Approvals	IP65 / CE, RoHS

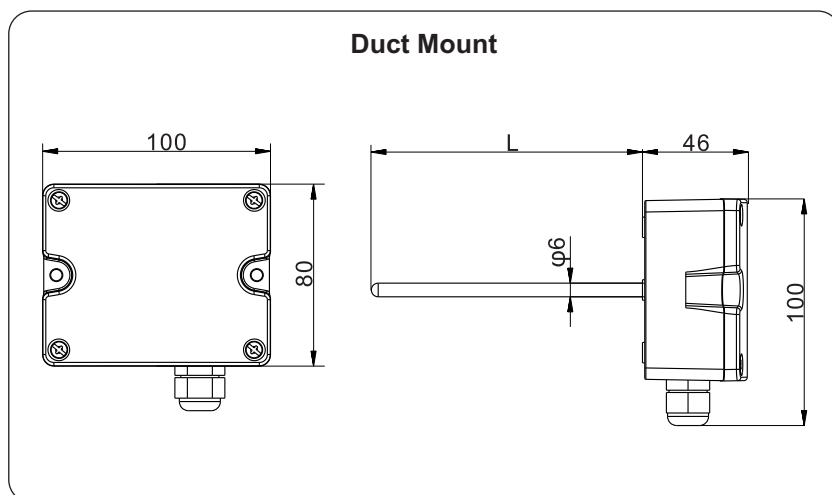
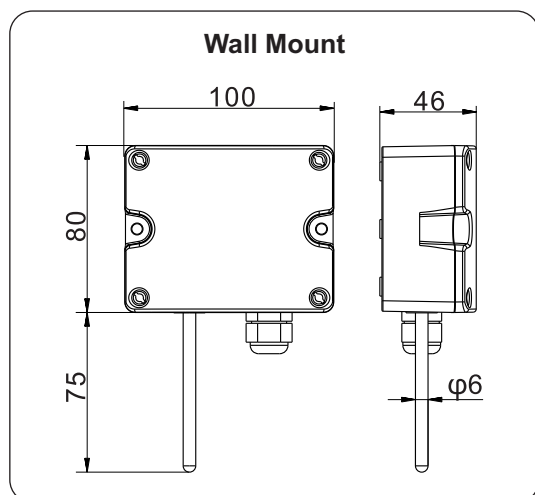
Temperature

Sensor Type	High Precision, Class A, RTD Pt1000
Probe	Material : SS 316 Diameter : 6 mm Length : 75 mm for Wall Mount, 300 mm for Duct Mount (Other Lengths on Request)
Range	-20 to 60 °C (Standard) 0 to 50 °C (Optional, on Request)
Accuracy	± 0.3°C @ 25 °C (Refer Temperature Accuracy Curve)



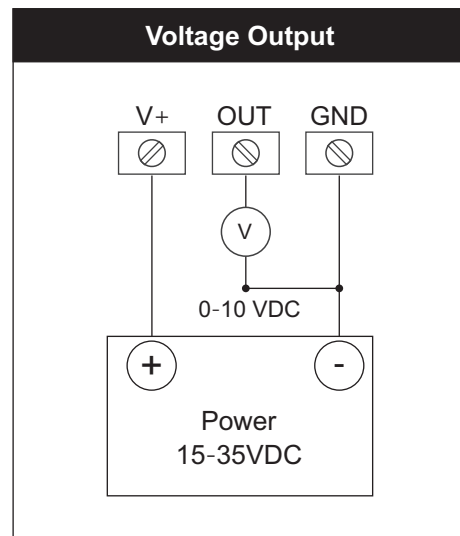
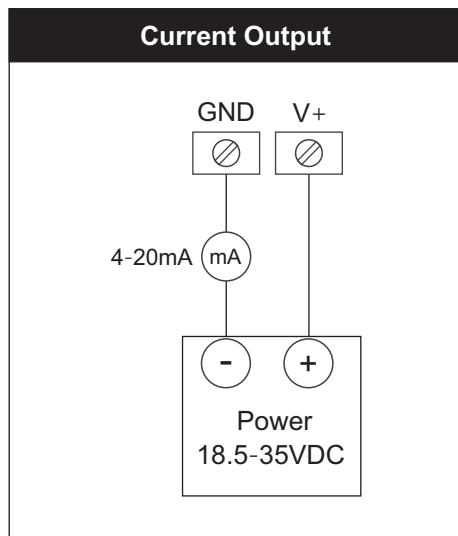
Output	ST 30WC & ST 30DC : 4 to 20 mA (Max Load : 500 Ω) ST 30WV & ST 30DV : 0 to 10 VDC (Min Load : 2 KΩ)
--------	--

Dimensions (mm)



Wall & Duct Mount Versatile Temperature Transmitter

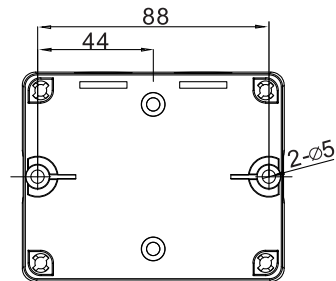
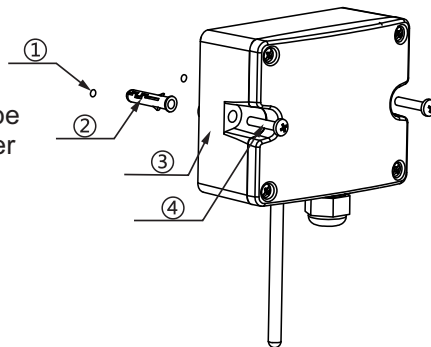
Wiring Instructions



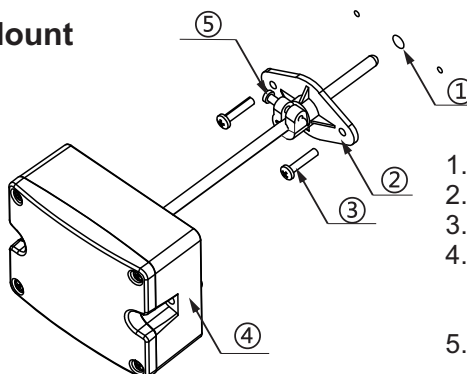
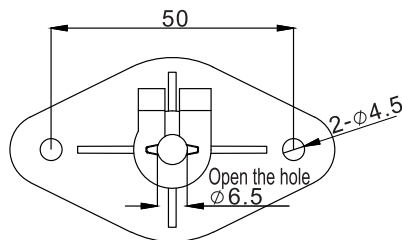
Installation

Wall Mount

1. Drill holes
2. Insert plastic expansion pipe
3. Flush mount the Transmitter
4. Fix screws



Duct Mount



1. Drill holes
2. Mount oval flange
3. Fix screws to secure flange
4. Insert the transmitter probe through the flange hole and adjust the insertion length
5. Fix the clamp screw to secure the probe

Process Precision Instruments (An ISO 9001 : 2008 Company)

101, Diamond Industrial Estate, Navghar, Vasai Road (E), Dist. Palghar - 401210, Maharashtra, India

Sales : 8208199048 / 8208141446 Support : 07498799226 / 08767395333

sales@ppiindia.net www.ppiindia.net