

Probe Type T+RH Transmitter

0 to 1 VDC Outputs

STH 33V

-40 to 60 °C / 0 to 100 %RH

0-1 VDC Outputs

5 to 24 VDC Operated

Process Precision Instruments

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

www.ppiindia.net



Salient Features

- High Precision, Long Term Stability & Good Anti-Interference
- Compact Size, Simple Installation
- 0 to 1 VDC Output Signals (Temperature & Humidity)
- Applications : Ventilation Ducts, Industrial Workshops, Ware Houses, Stability / Environmental Chambers, etc.
- Reverse Polarity Protected Current Outputs
- Over-Voltage & Reverse Polarity Protected Power Supply
- Wide Supply Voltage Range : 5 to 24 VDC
- High Protection Grade of IP65
- Dimensions : 15 mm Diameter x 104 mm Long

General Information

Product Type	0-1 VDC Outputs Probe Type T+RH Transmitter
Ordering Code	STH 33V-S -40 to 60 °C Temperature Range STH 33V-H -40 to 85 °C Temperature Range
Quantity	1 Unit

General Specifications

Housing Material	Polycarbonate (PC)
Power Supply	5 to 24 VDC
Working Environment	-40 to +85°C, 5 to 95%RH (Non-condensing)
Protection Class	IP65
Termination	4-Core PVC / PVC Integral Cable
Cable Length	3 Meter Standard. Other Cable Length on Request.

%RH (Relative Humidity)

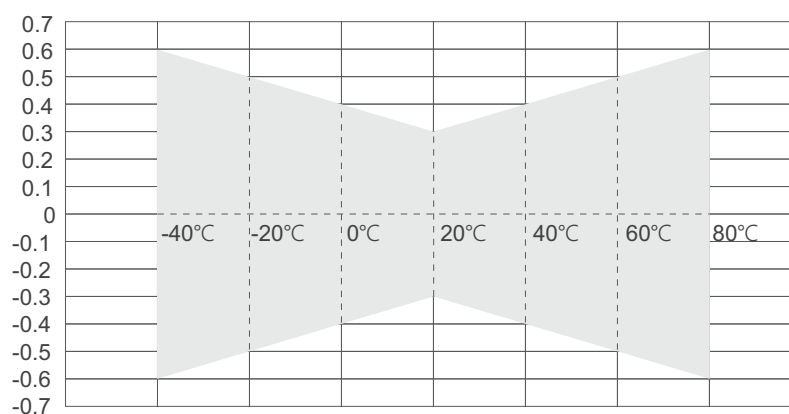
Sensor Type	Digital
Range	0 to 100%RH
Accuracy	± 3% @ 20°C & 60%RH
Output	0 to 1 VDC

0 to 1 VDC Output Probe Type T+RH Transmitters

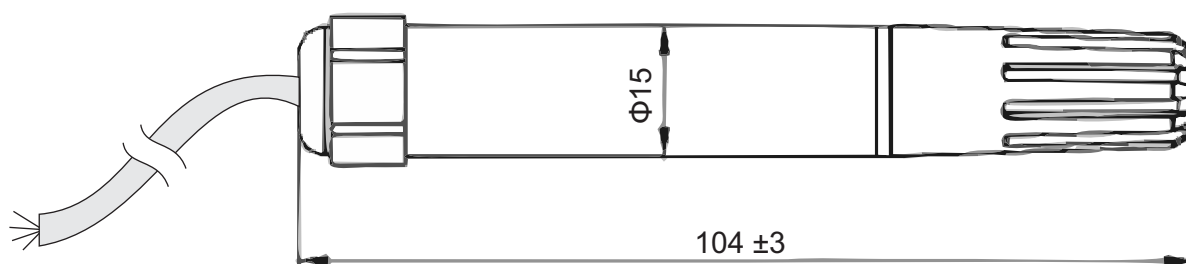
Temperature

Sensor Type	Digital
Range	STH 33V-S : -40 to +60 °C STH 33V-H : -40 to +85 °C
Accuracy	± 0.3°C @ 20°C (Refer Temperature Accuracy Curve)
Output	0 to 1 VDC

Temperature Accuracy Curve

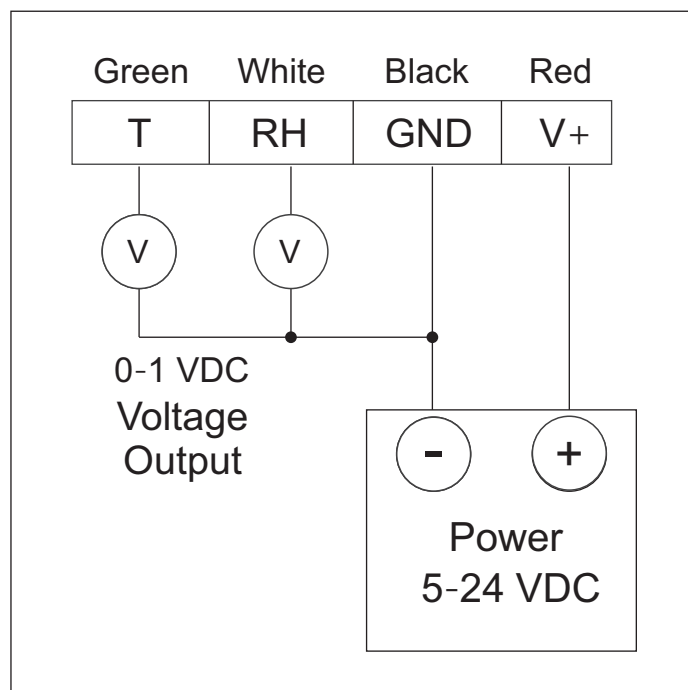


Dimensions (mm)



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Wiring Instructions



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