

TXR-01-D Operation Manual

RTD Pt100/Pt1000, Simplex, DIN-Rail Mounting
2-Wire Temperature Transmitter

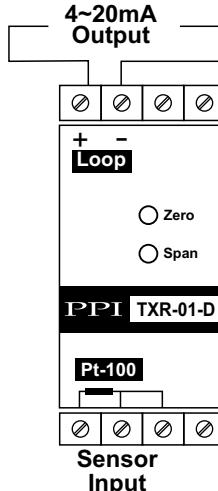
PPI

101, Diamond Industrial Estate, Navghar, Vasai Road (E), Dist. Palghar - 401 210.
Sales : 8208199048 / 8208141446 Support : 07498799226 / 08767395333
E: sales@ppiindia.net, support@ppiindia.net

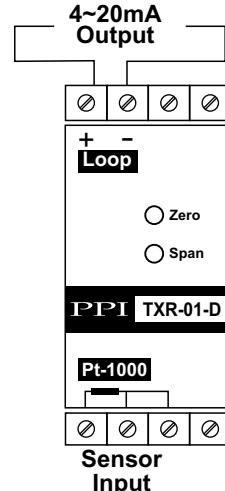
Jan 2026

CONNECTION DIAGRAM

RTD Pt100

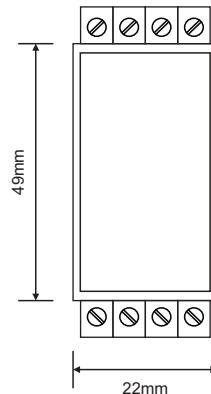


RTD Pt1000

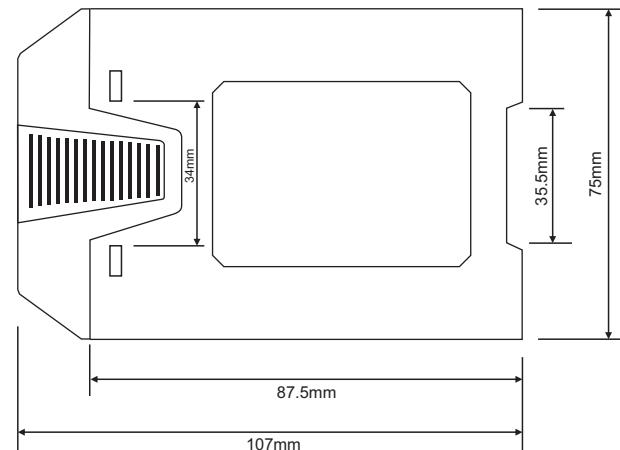


DIMENSIONS (mm)

Front View



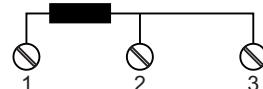
Side View



Overall Dimensions : 22(W) X 75(H) X 107(D), mm

SENSOR WIRING DIAGRAM

Figure 1



For 3-Wire configuration, connect single leadend of RTD bulb to terminal 1 and the double leadends to terminal 2 and 3 (interchangeable) as shown in Figure.

For 2-Wire configuration, connect RTD bulb across terminals 1 & 2 (interchangeable).

Zero Adjustment : Within $\pm 1.2\%$ of Range through multi-turn trimpot.

Example : For 0 to 400°C, $0.012^*(400^{\circ}\text{C} - 0^{\circ}\text{C}) = \pm 4.8^{\circ}\text{C}$

Span Adjustment : Within $\pm 12\%$ of Range through multi-turn trimpot.

Example : For 0 to 400°C, $0.12^*(400^{\circ}\text{C} - 0^{\circ}\text{C}) = \pm 48^{\circ}\text{C}$

LOOP WIRING DIAGRAM

