

PCT110 Compressor Temperature Sensor

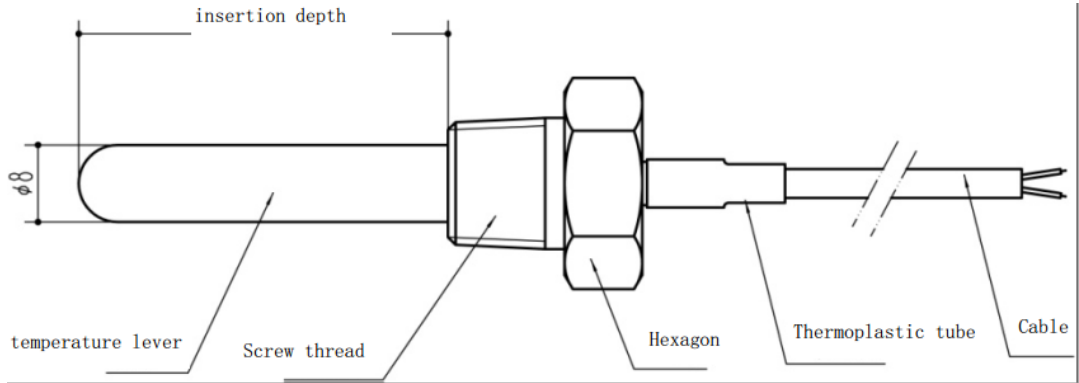


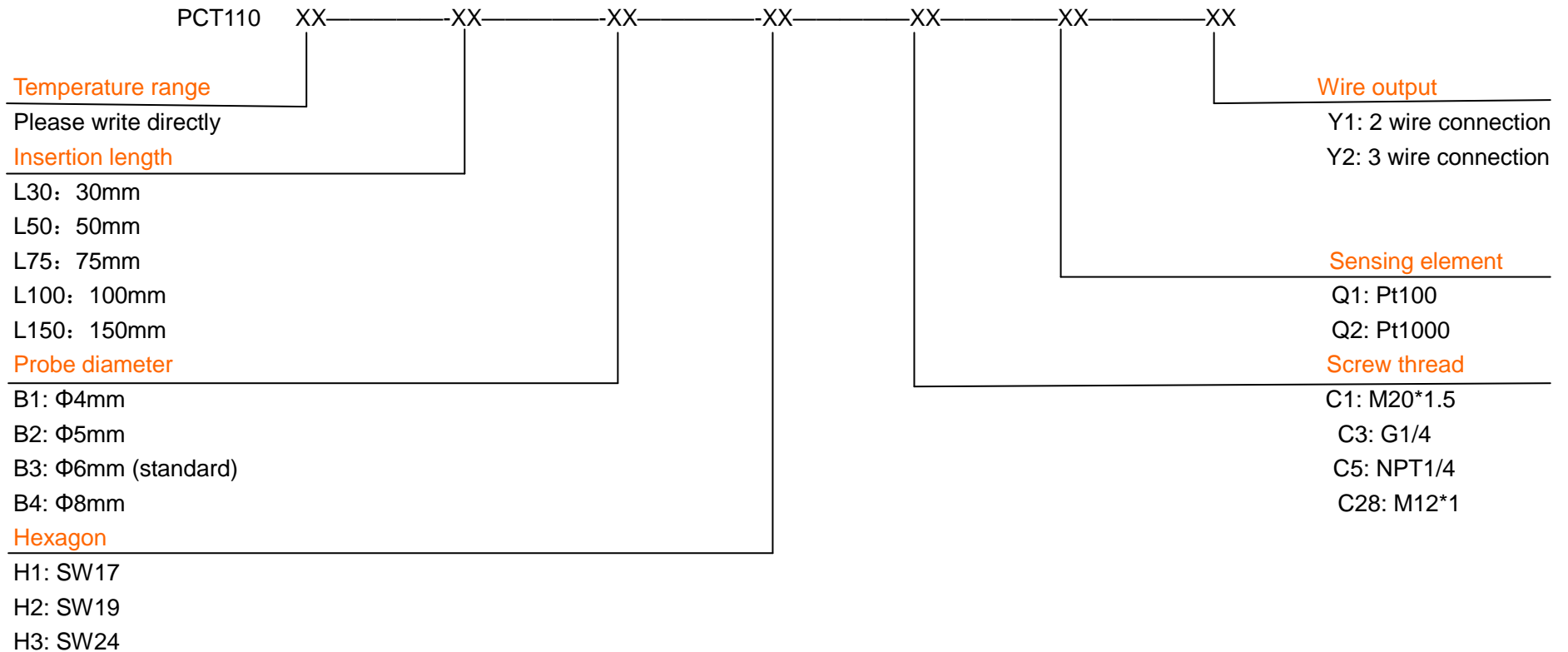
- Perfect long term stability
- High strength
- High vibration
- High pressure resistance and accuracy
- PT100, (PT1000 selectable)

Temperature range	
Temperature range	-50°C to 150°C
Specification	
Accuracy (linearity, repeatability and hysteresis)	±0.5%F.S.
Long term stability	≤0.2%F.S.

Resistance value R0 (at 0°C)	Class A: 100±0.06Ω
Allowable deviation value Δ °C	Class A: ±(0.15+0.002 t)
Heat response time	<30S
Minimum insertion length	≥10mm
Insertion diameter	Φ6mm Φ8mm (for high temperature)
Insulation	100MΩ/250VDC
Current	≤5mA
Protection	IP65
Electrical connection	Cable outlet

Drawing

Dimension In mm		
Wire connection	2 Wires	3 Wires
	Red: Pt100 Green: Another side of Pt100	Red: Pt100 Yellow, Green: Another side of Pt100, either wire as compensating cable



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