

Model MCT80S

Compact Integrated Temperature Transmitter



MCT80S Compact Integrated Temperature Transmitter is strictly assembled with advanced components and stainless steel material which shows a compact shape and demonstrates high accuracy and good stability, Through the temperature sensor and transmitter circuit, it measures the temperature of the objects gives two-wire output of 4~20mA DC (or user specified). The products have already extensively applied in the petroleum, chemistry industry, metallurgy, electric power, textile industry, food processing etc.

FEATURES

- Compensation for cool end with high accuracy
- Output signal linear with temperature
- Range: -200~1200°C
- Accuracy: $\pm 0.5\%$
- Output: 4-20mA (two-wire) or user specified
- Power supply: 14-34VDC, or 24VDC
- Load: 0-500 Ω (for 24VDC)
- Humidity: 0~95%
- Accuracy of the indicator: $\pm 2.5\%$ (100% scale)
- Power Consume: <0.5W

ORDERING CODES

MCT80S-□-(°C)-□-□-□-□-(LxI) Compact Integrated Temperature Transmitter	
	Sensor
P	RTD(Pt100)
C	RTD(Cu50)
K	Thermocouple(K)
E	Thermocouple(E)
S	Thermocouple(S)
M	User specified

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			Range
		(°C)	User specified
			Installation
		C1	M27×2
		C3	Flange
		C5	User specified
			Material of pipe
		G1	Stainless steel
		G4	Ceramics
			Diameter of pipe
		D1	Φ12
		D2	Φ16
		D3	User specified
			Insert depth
			as illustrated bellow