



MPT124-131 - Integrated Temp & Pressure High Temp Melt Sensor

Model: MPT124-131

Category: High Temp Melt Temp & Pressure Sensor

Range: 0-2000bar

Media Temp: 0-450c

Application: Pressure measurement and control of high temperature fluid media in chemical fiber spinning, polyester, rubber & plastic machinery, etc.

Keywords: High Temp Melt Temp & Pressure Sensor

Pic





Technical Specifications	
Range:	0~5MPa~200MPa(OMPTION)
Output Signal:	Transmitter: 0~5V; 0~10V; 4-20mA; Sensor: 1.5mV/V; 2mV/V; 3.33mV/V
Accuracy:	±0.5%FSO
Supply Voltage:	9-36Vdc
Repeatability	±0.2%FSO
Bridge Type:	FST 桥
Bridge Resistance:	350 Ohm±10%
Thermocouple Type	J, K, E, MPT100
Safe Overload	2*FSO
Self-tuning	80%±1%
Insulation Resistance	1000MegOhm @50Vdc
Media Temperature	350°C
Electrical Connection	6-pin or 8-pin connector or as customer specified
Thread Connection	1/2"-20UNF, M14*1.5or as customer specified
Wetted Material:	15-5PHStainless Steel, Coating
Zero Shift Due to Melt Temp:	<45psi / 100°C
Strain Gauge Housing Temp:	,-29°C to 71°C
Temp Compensation: -1~71°C	,-1°C to 71°C
Ambient Temp Zero Shift:	<±0.10%FSO/°C
Sensitivity:	<±0.04%FSO/°C
Installation Torque:	5n. m

Measurement Scheme for High Temperature Melt Pressure Sensor

• MPT124



- Application: Injection molding machine, molding machine, mold cavity pressure, boiler exhaust gas, engine pressure measurement



