

MPT205 Temperature-pressure combined transmitter

Model: MPT205 Pressure transmitter

Category: High temperature Pressure sensor

Range: 0-20, 30-600KPa, 1, 5, 10, 20, 50-100MPa

Temperature: -20~85~350℃

Pressure signal output: 0-5vdc, 1-5vdc, 0-10vdc, 4-20mA

Temperature signal output: J、K、E PT100

Application: Medical high temperature sterilization; High temp media measurement: steam, hot oil, etc.; Boiler industry measurement and control; Automation system high temp pressure measurement and control;

For applications requiring simultaneous pressure and medium temperature measurement.

Keywords: Pressure sensor



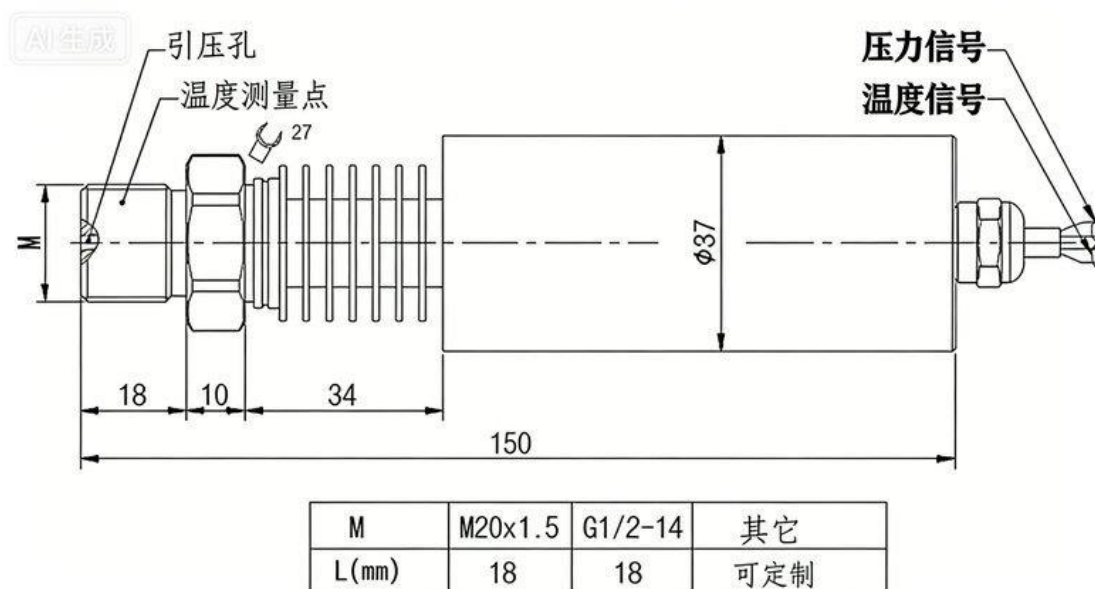
MPT205 (2)

Technical specifications

	0-20, 30-600KPa, 1, 5, 10, 20, 50-100MPa
Pressure type	Gauge, absolute, negative
	0-20, 30-600KPa, 1, 5, 10, 20, 50-100MPa
	J、K、E PT100
Local indication	LCD, LED,
Operating voltage (V)	24VDC (10-30VDC)
Accuracy (%FS)	0.2%FS、0.5%FS、1.0%FS
Zero drift (%FS/4h)	≤0.1~≤0.2
Temperature drift(zero & delicacy)(%FS/℃)	≤0.01~≤0.02
Long term stability (%FS/year)	≤0.1~≤0.3



Temperature compensation (°C)	-20~+60
Ambient temperature (°C)	-20~+85
Medium temperature(°C)	-20~85~350°C
Electrical connection:	Direct cable or aviation connector
Safe overload (%)	150
Load resistance (Ω)	$R=(U-12.5)/0.02-RD$ $U=$, $RD=$
Response time (ms)	≤1
Medium	Oil, gas, water, etc.
Material	1Cr18Ni9Ti or 316SSL
Thread	M: M20×1.5, NPT: 1/8NPT,1/2NPT, G: G1/2 or Custom
Explosion-proof	NA
Waterproof rating	IP67
Dimensions:	



Product Dimensions

Pressure sensor measurement solution

- MPT200



- Application: gas liquid pressure, water knife cutting pressure, high temperature pressure, anti-corrosion pressure, plane membrane pressure measurement



Product Solution