

MPT202HT High temperature pressure sensor

Model: MPT202HT

Category: High temperature Pressure sensor

Range: 0-2000bar

Temperature: 0~200c-1200c-1600c

Signal output: mv/v, 0-5vdc,4-20mA,Hart,RS485

Application: Engine gas High temperature .

Keywords: Ultra high temperature Pressure sensor, 1000 Pressure sensor



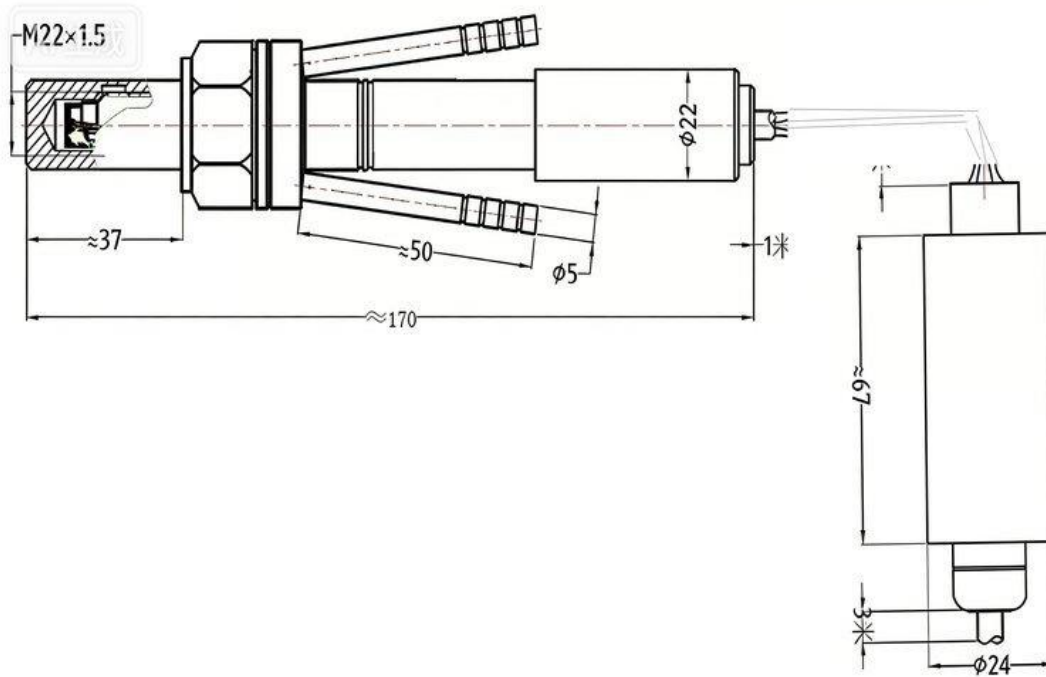
MPT202HT (2)

Technical specifications

	0-10Bar~2000Bar(Optional)
Pressure type	Gauge, absolute
Analog signal output	Mv/v, 0-5V;0-10V;0.5-4.5V;4~20mA
Digital signal output	RS232, RS485, HART, wireless



Control signal output	PNP, NPN, RELAY
Local indication	LCD, LED,
Operating voltage (V)	24VDC (9~36V)- For 4-20mA and 0-10V; 5VDC-For 0.5-4.5V; 12VDC-For 0-5V; 0-10V
Accuracy (%FS)	0.5%FS
Repeatability (nonlinearity)(%FS)	$\leq 0.1 \sim \leq 0.2$
Zero drift (%FS/4h)	$\leq 0.1 \sim \leq 0.2$
Temperature drift(zero & delicacy) (%FS/°C)	$\leq 0.01 \sim \leq 0.02$
Long term stability (%FS/year)	$\leq 0.1 \sim \leq 0.3$
Temperature compensation (°C)	0~150
Ambient temperature (°C)	-20~+85
Medium temperature (°C)	0~250c-1200c
Safe overload (%)	150
Load resistance (Ω)	$R = (U - 12.5) / 0.02 - R_D$ U= , $R_D =$
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



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