

MPT202T Medium temperature pressure sensor

Model: MPT202T

Category: High temperaturePressure sensor

Range: 0-2000bar

Temperature: -20~+150~250c

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

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

Keywords: : High temperature, High temperaturePressure sensor

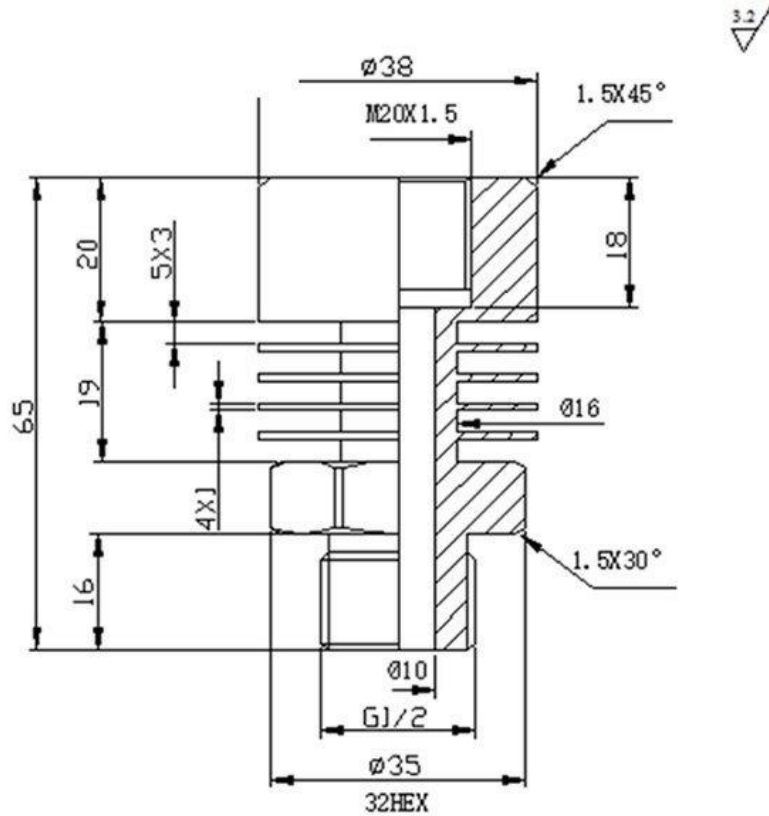


MPT202T (1)

Technical specifications	
	0-10Bar~2000Bar(Optional)
Pressure type	Gauge, absolute, negative



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)	$\leq 0.25/0.5\%FS$
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)	-20~+150c
Ambient temperature (°C)	-20~+85c
Medium temperature (°C)	-20~+150~250c(max)
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	Optional
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



