

Hexagon fitting oil filled pressure sensor



Features

- Excellent stability & accuracy
- Range: 0.4 to 70 bar
- Wide temperature range
- Temperature compensated
- Standard mounting size
- Compatible with corrosive media

Application

- Process Automation & Control
- Fresh and waste water
- Pressure transmitters
- Medical instruments

Performance

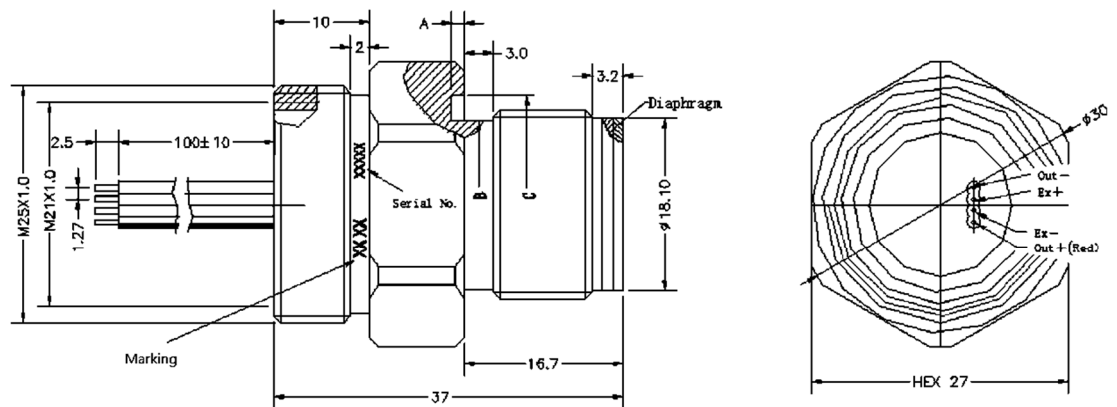
Pressure range(FS)	0.4~70 bar
Nonlinearity(BFSL typical)	±0.1% FS
Nonlinearity(0.4bar only)	±0.2% FS
Stability(typical)	±0.1% FS/year
Repeatability	±0.05% FS
Pressure hysteresis	±0.05% FS
Load resistance	>5MΩ
Insulation resistance	>100MΩ

Electrical

Excitation	0.5~2mA
FSO(@1.5mA, 25°C)	>70mV
Input impedance	2500±500Ω
Output impedance	3000±500Ω
Zero offset(@25°C)	±5mV

Environmental

Operate temperature	-40 to 125°C
Compensated temperature	-10 to 70°C
Compensated temperature(0.4bar only)	0 to 50°C
Temperature zero shift	±1% FSO
Temperature sensitivity shift	±1% FS
Thermal hysteresis	±0.1% FS
Overload	>2 * FS
Overload(70 bar only)	>1.5 * FS
Media	#316L SS compatible
Housing	#316 SS
Pressure port	O-ring Seal
Electrical connection	Ribbon Cable or Connect Pins



	ED Seal Ring Dim.	Dim. A	Dim. B	Dim. C
M20X1.5	22.9±17.8*1.5	1.2	17.7	23
G1/2	23.9±18.5*1.5	1.2	18.4	24

Ordering Information

P3403A-10BA-M

Excitation type:
A= Current excitation

Range:
0.4/1/1.6/4/6/10/16/25/40/70 in bar

Port type(316L SS):
M= M20X1.5
E= G1/2

Reference type:
A= Absolute(not for <1bar range)
G= Gauge pressure
S= Sealed gage