

EYD39 series Differential Pressure Transmitter

Description:

EYD39 series diffused silicon differential transmitters are consist of both isolation membrane differential pressure sensor and integrated circuit, Has characteristics of high precision, good stability, high reliability and good sensibility. Also can build high-performance microprocessor(MCU)which can correct nonlinearity and compensate temperature drift. Achieve accurate data transfer, local equipment diagnoses and long-distance bidirectional communication.

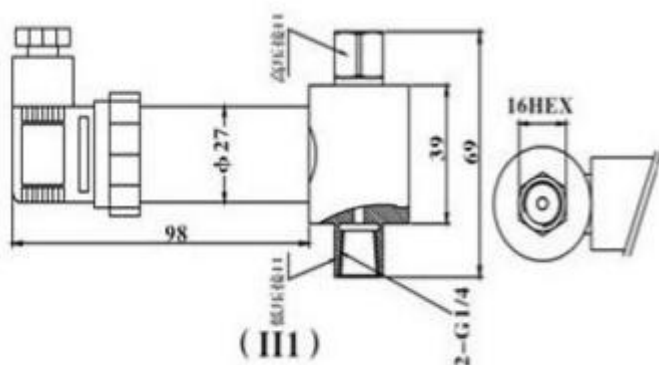
Technical indicators:

Range: 0~20Kpa.....35Kpa...~2MPa
Medium :Liquids or gases compatible with 316LSS
Proof pressure: 1.5X rated range or 7MPa(Which ever is less)
Accuracy : $\pm 0.25\%$ (Typical) $\pm 0.5\%$ (Max.)
Static pressure: 5X rated range or 7MPa which ever is less
Long term stability: $\pm 0.5\%$ F.S/Y(≤ 200 KPa) $\pm 0.2\%$ F.S/Y(≤ 2000 KPa)
Zero temperature Drift: $\pm 0.03\%$ F.S/ $^{\circ}$ C(≤ 100 KPa) $\pm 0.02\%$ F.S/ $^{\circ}$ C(> 100 KPa)
Span temperature Drift: $\pm 0.03\%$ F.S/ $^{\circ}$ C(≤ 100 KPa) $\pm 0.02\%$ F.S/ $^{\circ}$ C(> 100 KPa)
Operating temperature range : -20° C~ 80° C
Storage temperature range: -40° C~ 120° C
Power supply: 15~36VDC
Output signal :4~20mA 0~10/20mA 0/1~5/10VDC
Pressure port : G1/4 Female 6 air cock or customize
Housing material : 1Cr18Ni9Ti Stainless steel , aluminium casting or plastic
Diaphragm material : 316L
O ring : Fluororubber
Cable : Polyethylene ventilate cable
Insulation resistance: 100M Ω ,100VDC
Protection: IP65

Application:

Compatible with 316LSS,noncorrosive gases & liquids
Wind pressure & velocity of flow in industry process
Measuring pressure of pipeline &firepot
Petroleum industry, chemical industry
Meteorological monitoring

Product Dimensions:



Ordering Information

EYD39	Differential pressure transmitter		
	Code	Dimension	
	I1	Micro differential pressure cast aluminium housing.(Just measure dry gases)	
	I2	Micro differential pressure plastic housing.(Just measure dry gases)	
	II 1	Full stainless steel, DIN connector	
	II 2	Full stainless steel, direct outgoing line 1.5M	
	Range	0~10KPa.....35KPa. . . ~2MPa	
	(0-X) KPa or MPa	X: Range	
		Code	Power supply
		D1	24VDC
		D2	Others
		Code	Output signal
		S1	4~20mADC
		S2	1~5VDC
		S3	0~5VDC
		S4	0~10mAC
		S5	0~20mAC
		S6	0~10VDC
		Code	Pressure port
		J1	∅ 7 air cock
		J2	M20*1.5 male
		J3	G1/4 female
		J4	customize

Ordering note

1. Media must compatible with wetted parts.
2. To ensure the products can working reliable, we suggest that customer install three valve group between measure point and transmitter that can assure media flow to positive & negative cavity slowly and uniformly.
3. Suggest to put two pressure port as the same level when install so as to minimize the position influence.
4. Special requirement ,such as strong shock, moment vibration, strong electromagnetism, radio frequency interference ,please consult us.

Picture details





