EFM 113 Micro-differential Pressure Transmitter

Description:

EFM 113 Micro-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： -10Kpa-0-10Kpa
Medium :Dry Air
Max.Static pressure： 70Kpa
Accuracy ：±0.25%(Typical) ±0.5%(Max.)
Overload:20%FS
Long term stability：0.1%F.S/Y(≤2000KPa)
Temperature Drift：0.01%F.S/℃
Operating temperature range ：-40℃~70℃
Storage temperature range： -40℃~70℃
Power supply：9~36VDC
Output signal :4~20mA /0-5V/0~10V//1~5V/RS485
Frequency response:less than 500Hz
Insulation resistance： 100MΩ,100VDC
Protection： IP54

Application:

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

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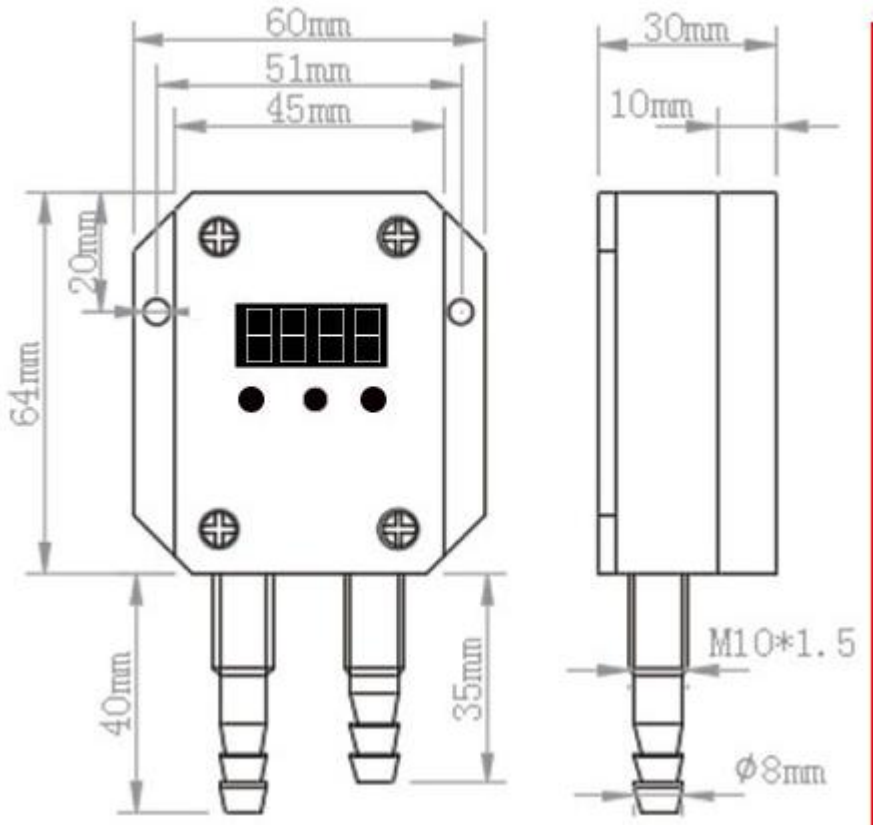
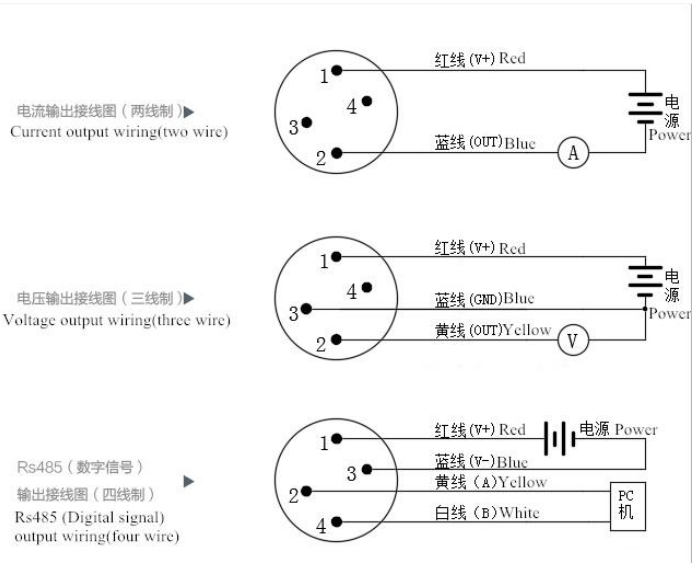
Ording guide:

EFM113	Differential pressure transmitter					
		Code	Range			
		69	0-100pa			
		70	0-200pa			
		71	0-500pa			
		01	0-1kpa			
		02	0-2kpa			
		03	0-5kpa			
		04	0-10kpa			
		72	±100pa			
		73	±200pa			
		74	±500pa			
		36	±1kpa			
		37	±2kpa			
		38	±5pa			
		39	±10pa			
		67	others			
			Code	Power supply		
			D1	9-36VDC		
			D2	15-36V(0-10v)		
				Code	Output signal	
				A1	4～20mADC	
				V4	1～5VDC	
				V5	0～5VDC	
				V10	0～10VDC	
				DZ	Others	
					Code	Pressure port
					B	Φ8
					DZ	Others

Product Dimensions&Wiring:



Installation:



1.The transmitter with Φ8 connector,can be connect to the H and L side of the object,no need Mounting brackets.

2.The installation should select Horizontal mounting in case affect the zero ouput.

3.When install outdoor,dry place should be select,avoid the sunshine and rain in case affect the performance.

4.The install should select the site where temperature gradient and temperature fluctuations small .

5.When out of the temperature compensation range ,the performance will decrease.
6.When the ambient temperature and medium temperature fluctuations, the signal will be beating, it is a normal phenomenon.