

MPM489 Pressure Transmitter

Brief Introduction

MPM489 product is piezo-resistive pressure transmitter with zero and span adjustable. It uses high stable and reliable pressure sensor and special circuit board to produce transmitter, and performance is good and reliable. MPM489 pressure transmitter is used for measure and control of petroleum, chemi-industry, electric power, hydrology and flow pressure measure, etc.



Features

- Reliable performance, easy application
- Short protection and reverse polarity protection
- Measure gauge, absolute and sealed gauge
- Intrinsic safe version, conforming to Standard Exia CT6 of GB3836.4
- Exd product conforms to Standard GB3836.2, and Exd certificate is approved. Exd sign is Exd II CT6
- Ship-use product conforming to CCS Rules of Classification of Sea-going Steel Ships (2006)
- CE and RoHS approved

Specification

- Pressure range: $-0.1...0\sim 0.01...100\text{MPa}$
- Overpressure: 1.5 times FS or 110MPa (min. value is valid)
- Pressure type: gauge/ absolute / sealed gauge
- Process connection: M20×1.5 male waterline seal (or on your demand)
- Accuracy: 0.5%FS
- Long term stability: max. $\pm 0.3\%FS/\text{year}$
- Zero thermal drift: 0.1%FS/ ($\leq 100\text{kPa}$); 0.05%FS/ ($> 100\text{kPa}$)
- Span thermal drift: 0.1%FS/ ($\leq 100\text{kPa}$); 0.05%FS/ ($< 100\text{kPa}$)

<http://www.microsensor.cn>

Add: No.18,Yingda Road Baoji,P.R.China, 721006

Tel: +86 917 3600739/3600832 Fax: 3600755

Order Information

MPM489	Pressure Transmitter				
	Range	Pressure range: -0.1...0~0.01...100MPa			
	[0~X]kPa or MPa	X: the actual measured pressure			
		Code	Output signal		
		E	4~20mADC		
		F	1~5VDC		
		J	0~5VDC		
		Code	Construction material		
			Diaphragm	Pressure port	Housing
		22	SS 316L	SS	SS
		25	Tantalum	SS	SS
		35	Tantalum	Hastelloy	SS
		Code	Others		
		B ₁	Plug connection		
		P	Flush diaphragm (0~70kPa...35MPa)		
		M ₃	3 1/2 digits LCD digital indicator		
		M ₄	3 1/2 digits LED digital indicator		
		i	Intrinsic safe version: Exia CT6		
		T	Ship-use		
		d	Exd II CT6		
		C ₁	M20×1.5 male, face type seal		
		C ₃	G1/2 male (used for flush diaphragm type)		
		C ₅	M20×1.5 male, waterline seal		
		G	Gauge		
		S	Sealed gauge		
		A	Absolute		
MPM489	[0~100kPa]	E	22	B ₁ C ₅ G	the whole spec

Note:

1. Please pay attention that the media should be compatible with the contacted parts;
2. If any special requirements on function or specification, please contact with us freely;
3. Please pay attention that the intrinsic safe version and ship-use product do not include digital indicator M₃ or M₄.