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SPT21M Mini Sized Pressure Transmitter

Features

- Reliable performance, easy application
- Short protection and reverse polarity protection
- Gauge, absolute and sealed gauge optional
- Range shifting available by our hand-held device



Introduction

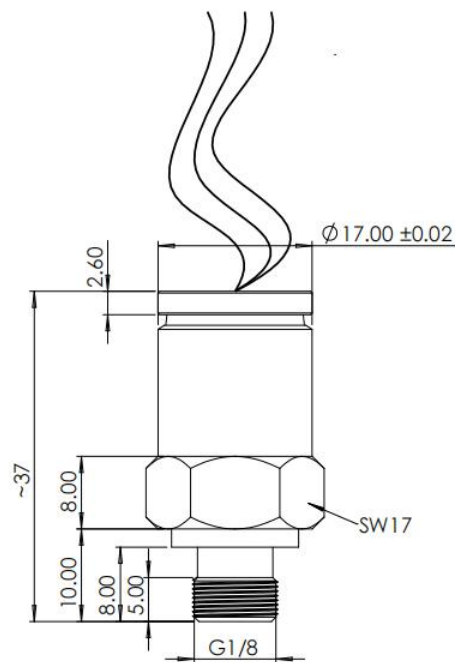
SPT21M is Mini sized pressure transmitter, uses high stable and reliable pressure sensor and special circuit board to produce transmitter. This product is used for measure and control of water system, petroleum, chemi-industry, electric power, hydrology and flow pressure measure, etc.

Specification

Item	Specification
Pressure range	-1...0~0.1...100bar
Over pressure	1.5 times FS
Pressure type	Gauge/absolute/sealed gauge optional
Process connection	G1/8 male thread
Accuracy	±0.1%FS.±0.25%FS. ±0.5%FS optional
Long term stability	≤ ±0.3%FS/year
Offset thermal drift	0.1%FS/°C (≤1 bar); 0.05%FS/°C (> 1 bar)
Span thermal drift	0.1%FS/°C (≤1 bar); 0.05%FS/°C (> 1 bar)
Compensated temp.	0~50°C for range ≤1 bar, -10~70°C for range > 1 bar
Application temp.	-30~80°C
Storage temp.	-40~120°C
Power supply	5VDC
Output signal	0.5-4.5V
Load resistance	≥10k (3-wire)
Housing protection	IP65
Electrical connection	Cable (3-wire)

Construction material (Default version)

Housing	SS304
Pressure port	SS304
Diaphragm	SS316L
Sealing gasket	NBR
Plug housing	Nylon with glass fiber

Outline Dimension**Wiring**

Wire color	3-wire
Red	+V
Green	+OUT
Black	GND

Order Information

SPT21M		Mini Sized Pressure Transmitter						
		Range		-1...0~0.1...100bar				
		[0~X]bar		X: the actual measured pressure				
				Code	Output signal			
				J	0~5VDC			
				V	0~10VDC			
				V1	0.5~4.5VDC			
				R	RS485			
				Code	Construction material			
					Diaphragm	Pressure port	Housing	
					22	SS316L	SS304	SS304
					24	SS316L	SS316L	SS316L
					Code	Others		
					1	Accuracy ±0.5%FS		
					2	Accuracy ±0.25%FS		
					3	Accuracy ±0.1%FS		
					B2	Cable Exit		
					B3	M12 connector		
			C1	M20*1.5 male thread				
			C17	G1/8 male thread				
			G	Gauge				
			S	Sealed gauge				
			A	Absolute				
SPT21M		[0~1bar]	E	22	1 B1C1G	the whole spec		

Note: Please contact with us if there is any special requirements on function or specification.