

























# PEM1

## Miniature Pressure Transducer with Process Connector

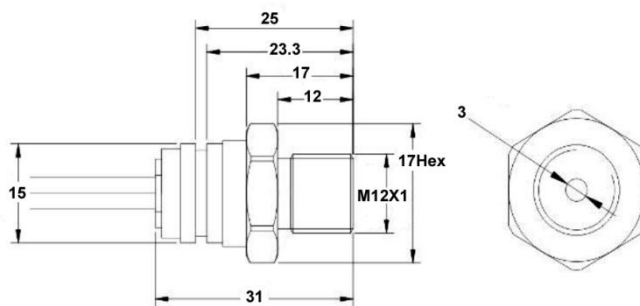
### Features

-  High accuracy
-  Single Piece Construction
-  Compact size
-  Wide range of pressure
-  Adapt harsh environment
-  Complete 316L Stainless Steel body
-  Suitable for Liquids, gases compatible with 316LSS

### Technical Specs (Typ.)

 Range:	0~3.5 to 0~600	bar
 Power Supply:	10	V <sub>DC</sub>
 Output:	100	mV
 Zero Offset Tolerance	±1	mV
 Span Tolerance:	±10	mV
 Accuracy (combined linearity, hysteresis and repeatability):	±0.2	%Span
 Temperature drift—Zero:	±0.01	%FS/°C
 Temperature drift—Span:	±0.01	%FS/°C
 Input Impedance:	6~20	KΩ
 Output Impedance:	2.5~6	KΩ
 Insulation Resistance:	≥100	MΩ/50V <sub>DC</sub>
 Pressure Overload:	300 or 1000bar	%Span
 Pressure Cycles (Zero to Full Scale):	10	Million
 Compensated Temperature:	0 ~ 70	°C
 Operating Temperature:	-20 ~ 80	°C
 Storage temperature:	-40 ~ 125	°C
 Weight:	~20	g





### Dimensions (mm)



**Note:** All detail is subject to change without prior notice



### Wiring

 Excitation+:	Pin 5 / Red wire
 Excitation-:	Pin 6 / Black wire
 Output+:	Pin4 / Green wire
 Output- :	Pin10 / White wire

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