

## Features

- High strength stainless steel construction
- No silicone oil, no internal o-rings, no welds
- Wide operating temperature range
- Ranges up to 10,000 psig
- Rugged design survives harsh environments
- Compatible with wide range of gases and liquids
- Suitable for high shock and vibration applications

## Specifications

Performance @ 25° C (77° F)	
Accuracy <sup>1</sup>	<±0.5% BFSL
Stability (1 year)	±0.25% FS, typ.
Proof Pressure	2X Rated Pressure
Burst Pressure	5X or 20,000 psig, whichever is less
Pressure Cycles	> 100 Million

<sup>1</sup> Accuracy includes: Non-linearity, Hysteresis, and Non-repeatability

Physical Description	
Case	304 stainless steel
Electrical Connection	Refer to Ordering Information
Wetted Material	Refer to Ordering Information

Environmental Data	
<b>Temperature</b>	
Operating	-40 to 85°C (-40 to 185° F)
Storage	-40 to 100°C (-40 to 212° F)
<b>Thermal Limits</b>	
Compensated Range	0 to 55°C (30 to 130° F)
TC Zero	<±1.5% of FS (<±3.0% for 0-25 psig)
TC Span	<±1.5% of FS
<b>Other</b>	
Shock	100G, 11msec, 1/2 sine
Vibration	20G Peak, 20 to 2400 Hz
Rating	IP-66
EMI/RFI Protection	Yes



Electrical Data			
Output	4-20mA	1-5VDC, 1-6VDC	0.5-4.5 V ratiometric
Excitation	10-28VDC	10-28VDC	5VDC, reg
Output Impedance	>10k Ohms	<100 Ohms, nom.	<100 Ohms, nom.
Current Consumption	20mA, typ.	<10mA	<10mA
Bandwidth (-3dB):	DC to 250 Hz	DC to 1kHz	DC to 1kHz
Output Noise:	-	<2mV RMS	<2mV RMS
Zero Offset	<±1% of FS	<±1% of FS	<±1% of FS
Span Tolerance	<±2.0% of FS	<±1.5% of FS	<±1.5% of FS
Output Load	See load line curve below	10k Ohms, min.	10k Ohms, min.
Reverse Polarity Protection	Yes	Yes	No

Pressure Ranges*+			
Gage psig	Proof psig	Burst psig	Pressure Range Code
0-25	50	250	00025
0-50	100	250	00050
0-100	200	500	00100
0-200	400	1,000	00200
0-500	1,000	2,500	00500
0-1,000	2,000	5,000	01000
0-2,500	5,000	12,500	02500
0-5,000	10,000	20,000	05000
0-7,500	15,000	20,000	07500
0-10,000	20,000	20,000	10000

\* Typical Ranges. All ranges between 0-25 psig and 0-10,000 psig are available. Please consult factory.

+ Vacuum calibration available. Please consult factory. Specifications are subject to change without notice.