



Features

- High strength stainless steel construction.
- No silicone oil, no internal o-rings, no welds.
- Wide operating temperature range.
- Ranges up to 100 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 ¹	<±0.5% BFSL (for higher accuracy, please consult factory)
Stability (1 year)	±0.25%FS, typ.
Over Range Pressure	2X Rated Pressure
Burst Pressure	5X or 1250 psig, whichever is less
Pressure Cycles	> 50 Million
Agency Approval	UL 508

¹ Accuracy includes: Non-linearity, Hysteresis, and Non-repeatability

Physical Description	
Wetted Material	Stainless Steel, Polyurethane, and Polyolefin (Consult factory for other lengths.)
Case (Housing)	304 Stainless Steel (Consult factory for other materials.)
Electrical Connection	6 feet vented cable std. (Contact factory for other lengths.)

Environmental Data	
Temperature	
Operating	-20 to 85°C (4 to 185° F)
Storage	-40 to 100°C (-40 to 212° F)
Thermal Limits	
Compensated Range	0 to 55° C (-30 to 130° F)
Temp. Comp. Zero	<±1.5% of FS (<±2.0% for 316L)
Temp. Comp. Span	<±1.5% of FS (<±2.0% for 316L)
Other	
Shock	100G, 11msec, 1/2 sine
Vibration	10G Peak, 20 to 2000 Hz
Rating	IP-68
EMI/RFI Protection	Yes



Electrical Data		
Output	4-20mA	1-5V
Excitation	10-28VDC, typ.	10-28VDC, typ.
Output Impedance	See Load Line Curve Below	<100 Ohms, nom.
Current Consumption	20mA max.	<10mA
Bandwidth (-3dB)	DC to 250Hz	DC to 1kHz
Output Noise	<2mV RMS	<2mV RMS
Reverse Polarity	Yes	Yes
Zero Offset	<±1% of FS	<±1% of FS
Span Tolerance	<±2% of FS	<±2% of FS
Output Load	See Load Line Curve Below	10k Ohms, min.

Pressure Ranges*			
Gage psig	Proof psig	Burst psig	Pressure Range Code
0-15	30	125	00015
0-25	50	125	00025
0-30	60	150	00030
0-100	200	500	00100

* Typical Ranges. All ranges between 0-15 psig and 0-100 psig are available. Please consult factory.

Ordering Information

Construct a product code using the chart below. (Consult factory for other options)

45-L-00100-B-3-C-0-000

Series Type	Process Connection	Pressure Range	Pressure Unit	Outputs	Electrical Interface	Wetted Material	Options
45 Standard	X= Special L= Cone Front	XXXXX= Special Insert pressure range code from pressure range chart.	X= Special B= BAR K= kg/cm ² P= psig	X= Special 3= 1-5V/DC 4= 4-20mA	X= Special C= 6ft. cable D= 10ft. cable J= 20ft. cable K= 25ft. cable L= 35ft. cable M= 50ft. cable N= 100ft. cable P= 150ft. cable Hytrek cable available, consult ASCO	X= Special 1= 316 L	XXX= Special 000= No options

Dimensional Information

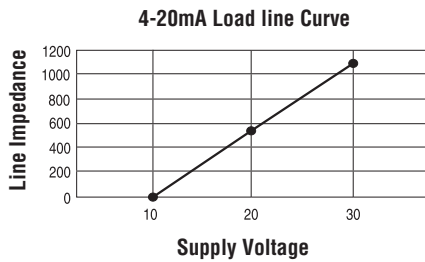


Table 1

Output	Red	Black	White
1-5V	+V Supply	-V Supply	Output
4-20mA	+V Supply	-V Supply	N/C

