

DESCRIPTION

A general purpose low cost industrial transducer suitable for a wide range of applications. Available in either 0.5% or 0.25% accuracy. It utilizes diffused silicone, ceramic and strain gauge technologies.

FEATURES

- Low Cost
- Temperature Compensation
- Voltage and Current output models available

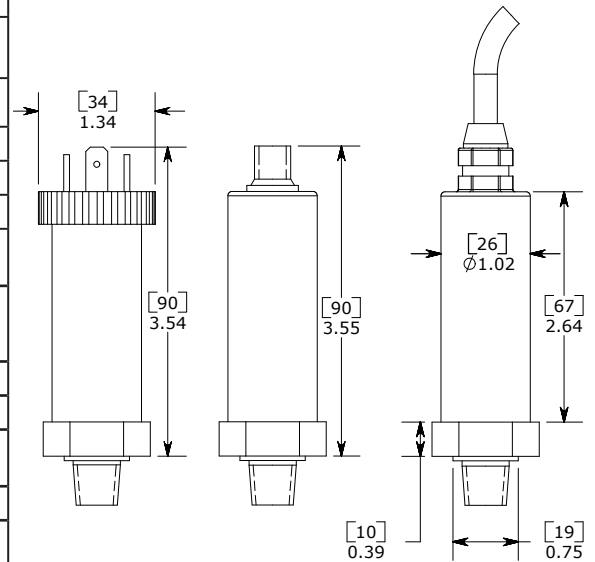
APPLICATIONS

- Industrial Equipment
- Safety Monitoring
- Mobile Equipment

Specifications

Accuracy	0.5% FS, 0.25% FS
Pressure Range	Vacuum to 10,000 PSI (700 BAR)
Proof Pressure	150% FS
Burst Pressure	300% FS
Fatigue Life	100,000,000 cycles
Long Term Drift	0.1%/FS/year for < 725 PSI (50 BAR) 0.2%/FS/year for ≥ 725 PSI (50 BAR)
Thermal Error	0.02%/FS/°C
Compensated Temperatures	32°F to 149°F (0°C to 65°C)
Operating Temperatures	-4°F to 176°F (-20°C to 80°C)
Storage Temperature Rating	-40°F to 257°F (-40°C to 125°C)
Process Connection	Standard: SS304 Optional: SS316
Vibration	10g (20-2000Hz) for ≤ 58 PSI (4 BAR) 20g (20 - 500Hz) for ranges > 58 PSI (4 BAR)
Shock	100g (11ms)
Voltage Output	0-5V, 0.5-4.5V, 0-10V
Supply Voltage for Voltage Output	16 - 36 VDC
Current Output	4-20mA
Supply Voltage for Current Output	12V - 32VDC
Max. Loop Resistance	500 Ω

Dimensions



Ordering Information

Example **TG** - ¹**1V1B** - ²**A** - ³**3** - ⁴**HC** - ⁵**4M** - ⁶**A2**

1 - Measuring Range:

Code	Description
1V0B	-1 to 0 BAR
1V1B	-1 to 1 BAR
001B	1 BAR
002B	2 BAR
005B	5 BAR
010B	10 BAR
020B	20 BAR
050B	50 BAR
100B	100 BAR
200B	200 BAR
350B	350 BAR
400B	400 BAR
600B	600 BAR
700B	700 BAR

OR

Code	Description
1V0P	-30 inHg to 0 inHg
1V1P	30 inHg to 15 PSI
001P	15 PSI
003P	30 PSI
006P	60 PSI
010P	100 PSI
015P	150 PSI
020P	200 PSI
030P	300 PSI
050P	500 PSI
060P	600 PSI
075P	750 PSI
100P	1000 PSI
150P	1500 PSI
200P	2000 PSI
300P	3000 PSI
500P	5000 PSI
600P	6000 PSI
750P	7500 PSI
10KP	10000 PSI

Note: Other ranges available. Please consult factory.

2 - Gauge Standard:

- A - Absolute
- G - Gauge

3 - Output:

- 2 - 4 -20 mA, 2 wire
- 3 - 0 - 10 V, 3 wire
- 4 - 0.5 - 4.5 V
- 5 - 0 - 5.0 V

4 - Electrical Connection:

- HC - DIN 43650A - connector type
- HCC79 - DIN 43650A - with 79 inches (2 meters) of cable
- M12 - M12, 4 pin
- C79 - Shielded Cable, 79 inches (2 meters)
- C158 - Shielded Cable, 158 inches(4 meters)

5 - Process Connection

- 4M - 1/4" NPT male
- 4G - 1/4" BSPP male, G1/4
- 4S - 7/16-20 SAE male, with O-ring seal

6 - Accuracy

- A2 - 0.5%
- A3 - 0.25%

