

(REFERENCE CONDITION:20°C)

* Numbers in BAR are not the exact conversion from PSI's

**The provided Viton o-ring is not recommended for operation under -14°F.

For operation under -14°F, within the rated sensor operating temperature, please consider the use of Buna-N or Silicone o-rings.

CAPACITY: $\left(\frac{PSI}{BAR^*}\right) \left(\frac{225}{15}\right) \left(\frac{750}{50}\right) \left(\frac{3000}{200}\right) \left(\frac{7500}{500}\right) \left(\frac{10000}{700}\right)$

TYPE: SEALED GAGE

PERFORMANCE:

 RATED OUTPUT:
 1-2 mV/V nom.

 SAFE OVERLOAD:
 150% of R.O.

 BURST PRESSURE:
 300% of R.O.

 ZERO BALANCE:
 ±3% of R.O.

 EXCITATION(VDC)
 7 MAX

NONLINEARITY $\pm 0.4\%$ of R.O. B.F.S.L.; $\pm 0.8\%$ of R.O. End Point HYSTERESIS $\pm 0.2\%$ of R.O. B.F.S.L.; $\pm 0.4\%$ of R.O. End Point

NONREPEATABILITY ±0.02% of R.O. typ.

NATURAL FREQUENCY FROM 6 KHz (225 PSI) TO 100 KHz (10000 PSI)

INSULATION RESISTANCE >1000 MΩ @ 50VDC and 20°C

BRIDGE RESISTANCE 350 Ω nom.

CALIBRATION CERTIFICATE OF CONFORMANCE INCLUDED

NIST TRACEABLE 5 pt. CALIBRATION AVAILABLE

MECHANICAL SPECIFICATION:

WEIGHT: < 10g WITHOUT CABLE WETTED/ BODY MATERIAL: 17-4 PH Stainless Steel ENCLOSURE PROTECTION: NEMA 4 (IP 65)

ELECTRICAL CONNECTION: #29 Awg 4 Conductor Spiral Shielded

Silicone Cable, 5 ft Long

RECOMMENDED MOUNTING TORQUE: 5 Nm MAX

ENVIRONMENTAL:

OPERATING TEMPERATURE**

-40 to +194°F [-40 to +90°C]

COMPENSATED TEMPERATURE

+32 to +140°F [0 to +60°C]

SHOCK:

100 G'S 1/2 SINUSOIDAL - 1 ms

VIBRATION:

±0.02 of R.O. / G (20-2000 Hz, 50 G MAX)

EMI/RFI: EN61000



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