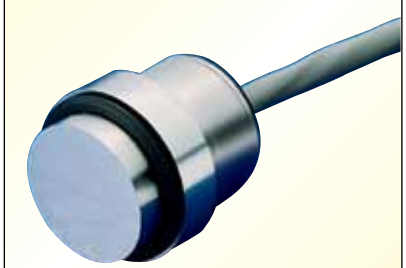
FLUSH DIAPHRAGM MILLIVOLT OUTPUT PRESSURE TRANSDUCER

0-6 to 0-3000 psi
0-0.4 to 0-207 bar

PX102 Series

Shown larger than actual size.



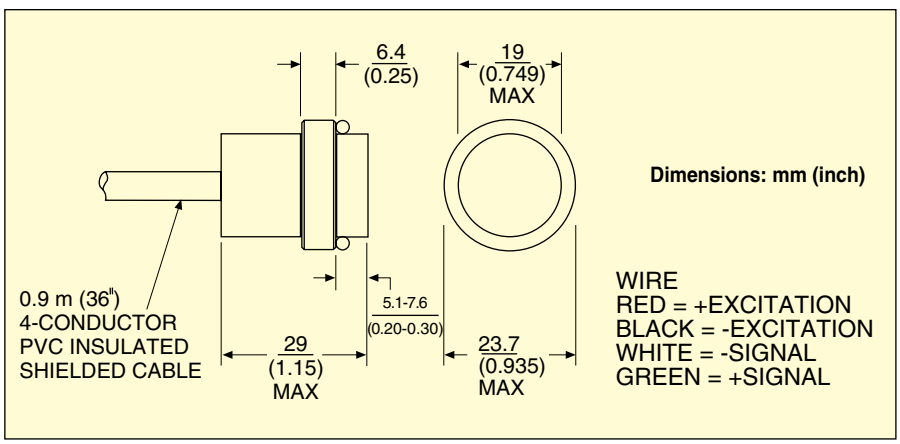
PX102-050GV, shown actual size.

Visit us online for flush mount adaptors.

SPECIFICATIONS

Excitation: 5 Vdc 35 mA (6 Vdc maximum)
Output: 0 to 100 mV ±1%
Input Impedance: 150 ± 50 Ω
Output Impedance: 115 ± 25 Ω
Insulation Resistance: 20 MΩ at 50 Vdc
Accuracy: 100 to 5000 psi = 0.25% BFSL, all other ranges = 0.5% BFSL
Zero Balance: ±5 mV
Operating Temperature Range: -51 to 93°C (-60 to 200°F)
Compensated Temperature Range: -1 to 71°C (30 to 160°F)
Thermal Zero Effect: ±0.1% rdg/°C (±0.05% rdg/°F)
Thermal Sensitivity Effect: ±0.02%/°C (±0.01% rdg/°F)
Proof Pressure: 2x full scale
Burst Pressure: 5x full scale minimum
Fatigue: >160 million cycles
Gages: Semiconductors on bending beam
Body/Diaphragm Material:
316 L SS: ≤50 psi
15-5 PH SS: >50 psi
Pressure Port: Flush
Electrical Connection: 0.9 m (36"); shielded PVC cable, 4 leads
Weight: 57 g (2 oz)

Units 100 psi and above have cases sealed from the surrounding atmosphere, providing maximum reliability in humid or corrosive environment (psis). Ranges below 100 psi are vented to the atmosphere and read gage pressure (psig).



To Order

RANGE		MODEL NO.	COMPATIBLE METERS*
0 to 6 psig	0 to 0.41 bar	**PX102-006GV**	DP25B-S, DP41-S
0 to 25 psig	0 to 1.72 bar	**PX102-025GV**	DP25B-S, DP41-S
0 to 50 psig	0 to 3.4 bar	**PX102-050GV**	DP25B-S, DP41-S
0 to 100 psis	0 to 6.9 bar	**PX102-100SV**	DP25B-S, DP41-S
0 to 200 psis	0 to 13.8 bar	**PX102-200SV**	DP25B-S, DP41-S
0 to 500 psis	0 to 34.5 bar	**PX102-500SV**	DP25B-S, DP41-S
0 to 1000 psis	0 to 68.9 bar	**PX102-1KSV**	DP25B-S, DP41-S
0 to 3000 psis	0 to 207 bar	**PX102-3KSV**	DP25B-S, DP41-S

Comes complete with operator's manual.

** Visit us online for compatible meters.*

Ordering Example: PX102-006GV, *0 to 6 psig pressure transducer.* ***AD-1SS,*** *adaptor to mount in a ¼ NPT fitting.*

ACCESSORY

MODEL NO.	DESCRIPTION
AD-1SS	¼ MNPT adaptor