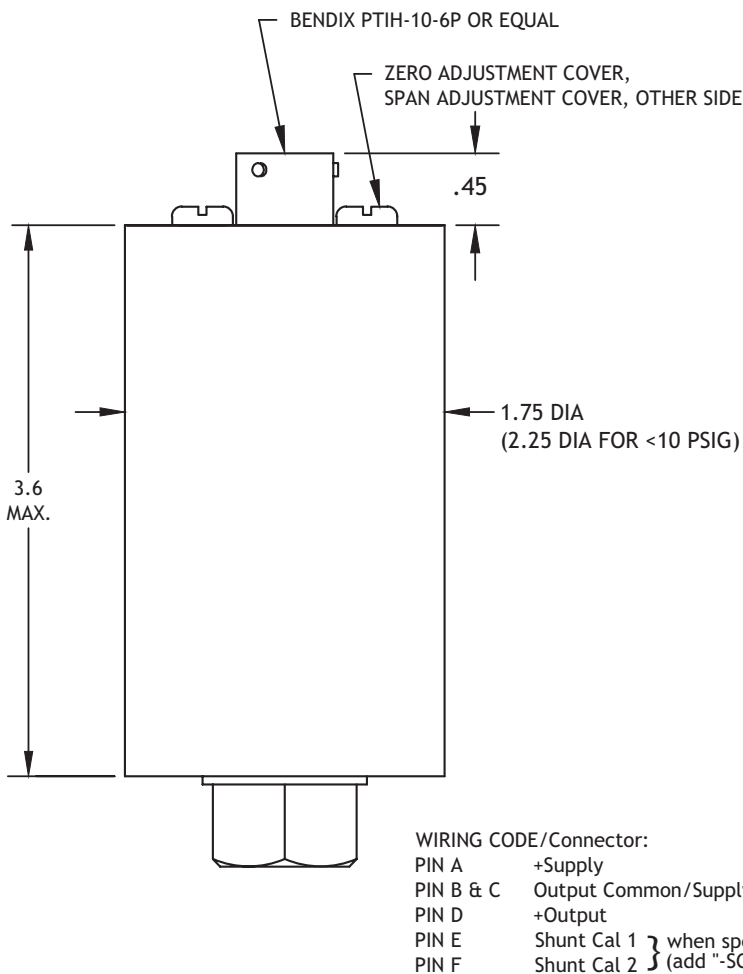


Low Pressure Transducer, 0-5 V Output

Model XPIL-1V



max.
20 psi



Measuring ranges

- 0-0.5 to 0-20 psi

Features

- 0-5 or 0-10 VDC Output
- Low Capacities Available
- Zero and Span Adjustments
- All Stainless Construction
- High Accuracy

Options

- Various Electrical Connections
- Various Pressure Ports
- Improved Accuracy
- Various Wetted Parts Materials

Drawing

- 99-5852-0000

All dimensions are in inches, unless otherwise noted. Also available in metric units.

PERFORMANCE SPECIFICATIONS (FSO is Full Scale Output)		Capacity (psig/psia)	Ordering Example	Pressure Port
EXCITATION	11-28 VDC	1 psig	XPIL-1V-001G-PA	1/4-NPT female
OUTPUT	0-5 VDC $\pm 10\%$ adjustable	10 psig	XPIL-1V-010G-PB	1/4-NPT male
ZERO BALANCE	10% adjustable	15 psia	XPIL-1V-015A-PC	7/16-20 female
LINEARITY	$\pm 0.15\%$ FSO	20 psia	XPIL-1V-020A-PD	7/16-20 male
HYSTERESIS	$\pm 0.05\%$ FSO			
REPEATABILITY	$\pm 0.05\%$ FSO			
OPERATING TEMP RANGE	-50 to +250°F (-46 to +121°C)			
COMPENSATED TEMP RANGE	+60 to +160°F (+15 to +71°C)			
THERMAL EFFECTS on Zero	$\pm 0.005\%$ FSO/°F			
on Span	$\pm 0.005\%$ Reading/°F			
PROOF PRESSURE	150% of Rated Pressure			
BURST PRESSURE	300% of Rated Pressure			
MATERIAL/WETTED PARTS	Stainless Steel			

How to order

XPIL - 1V - 015 G - PA

Range/Capacity
Ex: 010 = 10 psi
015 = 15 psi

Pressure Connection
Ex: PA = 1/4 NPT female
PB = 1/4 NPT male
PC = 7/16-20 female
per MS33649-04
PD = 7/16-20 male
per MS33656-04

Pressure Reference
Ex: G = Gage (psig)
A = Absolute (psia)
(available on ≥ 5 psi only)