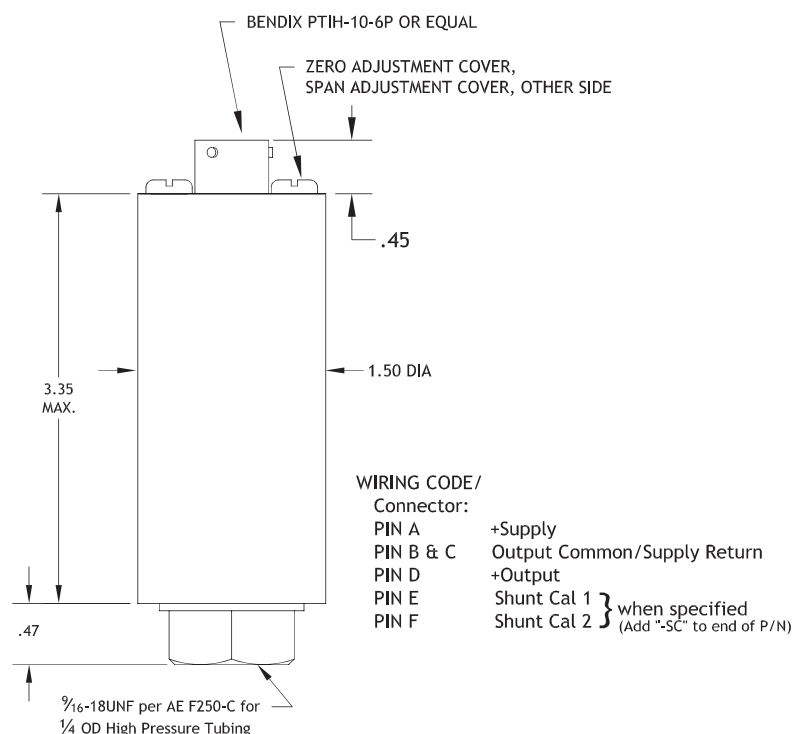


High Pressure Industrial Transducer, 0-5 V Output

Model XPIH-1V



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



max.
60,000
psi



Measuring ranges

- 0-15,000 to 0-60,000 psi



Features

- 0-5 or 0-10 VDC Output
- Very High Capacities Available
- Zero and Span Adjustments
- Integral High Pressure Fitting
- All Stainless Construction
- High Accuracy



Options

- Various Electrical Connections
- Improved Accuracy



Drawing

- 99-5642-0000

PERFORMANCE SPECIFICATIONS (FSO is Full Scale Output)	
EXCITATION	11-28 VDC
OUTPUT	0-5 VDC $\pm 10\%$ adjustable
ZERO BALANCE	$\pm 10\%$ adjustable
LINEARITY	$\pm 0.15\%$ FSO
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	125% of rated pressure
BURST PRESSURE	170% of rated pressure
MATERIAL/WETTED PARTS	17-4 PH Stainless Steel

Capacity (psig)	Ordering Example
15,000	XPIH-1V-15KG
20,000*	XPIH-1V-20KG-SC
60,000	XPIH-1V-50KG

*Optional shunt calibration

How to order

XPIH - 1V - 15K G

Range/Capacity
Ex: 15K = 15,000 psi
25K = 25,000 psi

Pressure Reference
Ex: G = Gage (psig)