

DMi Model: XPIH-1U

HIGH PRESSURE INDUSTRIAL TRANSDUCER mV/V



PERFORMANCE SPECIFICATIONS
(FSO is Full Scale Output)

EXCITATION: 10V AC-DC (15V Max)
 OUTPUT: 2 mV/V $\pm 0.25\%$
 (3 mV/V Optional, add "-H" to end of part number)

INPUT RESISTANCE: 360 Ohms Min
 OUTPUT RESISTANCE: 350 ± 5 Ohms
 ZERO BALANCE: $\pm 1.0\%$ FSO
 LINEARITY:
 High Accuracy $\pm 0.10\%$ FSO
 Standard Accuracy $\pm 0.25\%$ FSO
 HYSTERESIS: $\pm 0.05\%$ FSO
 REPEATABILITY: $\pm 0.05\%$ FSO

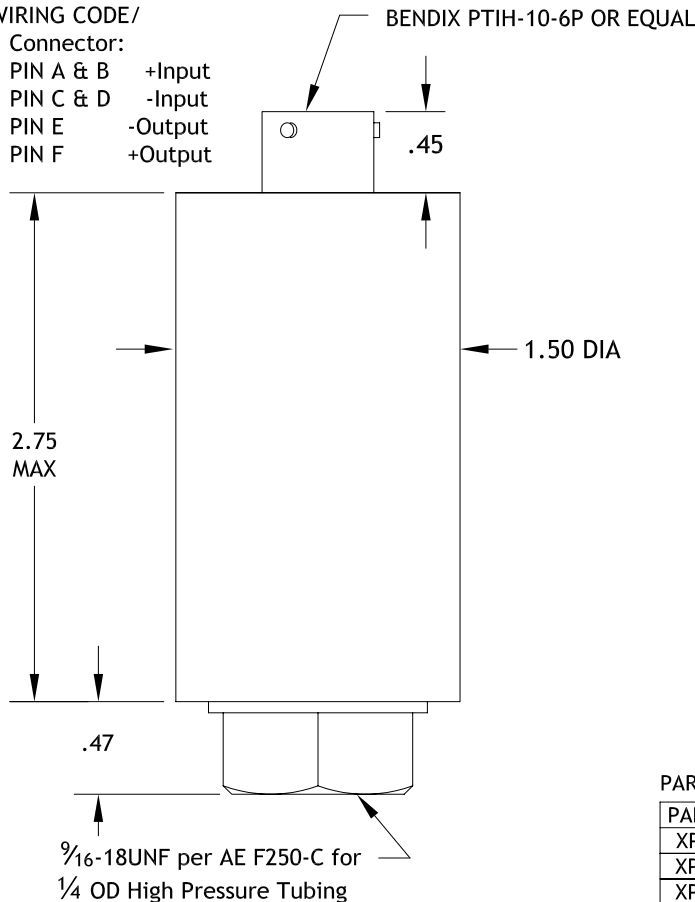
OPERATING TEMP RANGE: -100 to +325°F (-73 to +163°C)
 COMPENSATED TEMP RANGE: +60 to +160°F (+15 to +71°C)
 THERMAL EFFECTS on ZERO:
 High Accuracy $\pm 0.0025\%$ FSO/°F
 Standard Accuracy $\pm 0.005\%$ FSO/°F
 THERMAL EFFECTS on SPAN:
 High Accuracy $\pm 0.0025\%$ Reading/°F
 Standard Accuracy $\pm 0.005\%$ Reading/°F

SAFE OVERPRESSURE: 125% of Rated Pressure
 BURST PRESSURE: 170% of Rated Pressure

MATERIAL-Wetted Parts: 15-5 PH Stainless Steel

WIRING CODE/

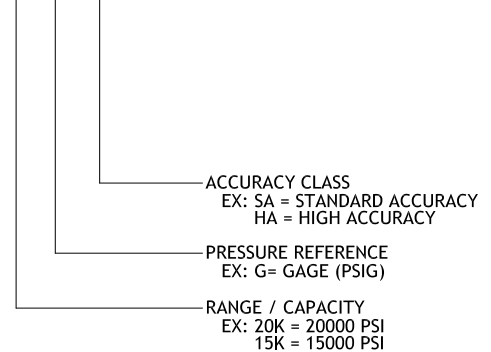
Connector:
 PIN A & B +Input
 PIN C & D -Input
 PIN E -Output
 PIN F +Output



All dimensions are inches, unless otherwise noted.

HOW TO ORDER:

XPIH-1U-15KG-HA



PART NUMBER EXAMPLES:

PART NUMBER	RANGE	NOTES
XPIH-1U-15KG-SA	15000 PSIG	STD ACCURACY, 2mV/V
XPIH-1U-30KG-SA	30000 PSIG	STD ACCURACY, 2mV/V
XPIH-1U-30KG-HA	30000 PSIG	HIGH ACCURACY, 2mV/V
XPIH-1U-50KG-SA-H	50000 PSIG	STD ACCURACY, 3mV/V