

DMi Model: XPI-1U

## INDUSTRIAL PRESSURE TRANSDUCER mV/V



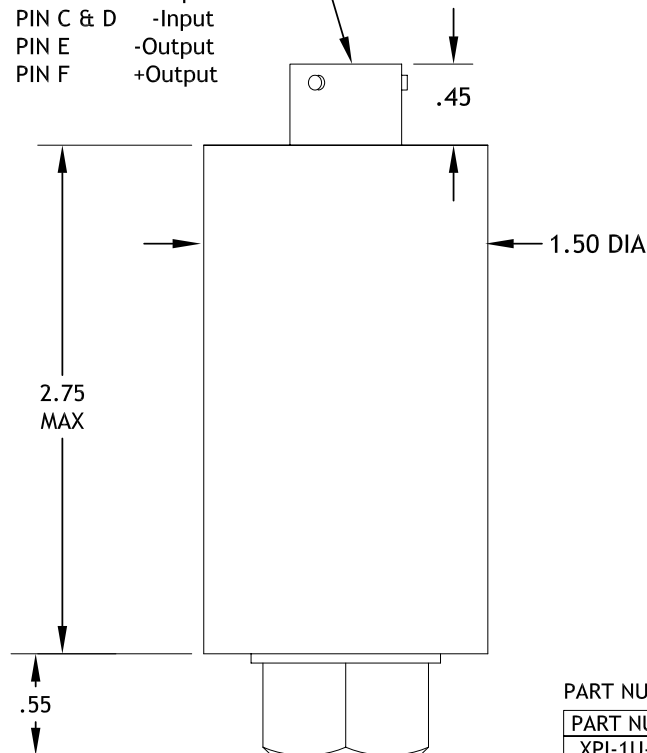
### PERFORMANCE SPECIFICATIONS (FSO is Full Scale Output)

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 $\pm$ 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

### WIRING CODE/

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

BENDIX PTIH-10-6P OR EQUAL



PROOF PRESSURE: 150% of Rated Pressure  
 BURST PRESSURE: 300% of Rated Pressure

MATERIAL-Wetted Parts: 17-4 PH Stainless Steel

### HOW TO ORDER:

#### XPI-1U-100G-HA-PA

— PRESSURE CONNECTION  
 EX: PC = 7/16-20 FEMALE PER MS33649-04  
 PA = 1/4 NPT FEMALE

— ACCURACY CLASS  
 EX: SA = STANDARD ACCURACY  
 HA = HIGH ACCURACY

— PRESSURE REFERENCE  
 EX: G = GAGE (PSIG)  
 A = ABSOLUTE (PSIA)

— RANGE / CAPACITY  
 EX: 250 = 250 PSI  
 01K = 1000 PSI  
 7K5 = 7500 PSI  
 10K = 10 000 PSI

### PART NUMBER EXAMPLES:

PART NUMBER	RANGE	NOTES
XPI-1U-200A-SA-PC	200 PSIA	STD ACCURACY, 7/16-20 FEMALE, 2mV/V
XPI-1U-7K5G-SA-PC	7500 PSIG	STD ACCURACY, 7/16-20 FEMALE, 2mV/V
XPI-1U-01KG-HA-PC	1000 PSIG	HIGH ACCURACY, 7/16-20 FEMALE, 2mV/V
XPI-1U-500G-SA-PA-H	500 PSIG	STD ACCURACY, 1/4 NPT FEMALE, 3mV/V

All dimensions are inches, unless otherwise noted.