

DMi Model: XPI-1V

INDUSTRIAL PRESSURE TRANSDUCER 0-5 V



PERFORMANCE SPECIFICATIONS (FSO is Full Scale Output)

EXCITATION: 11-28 VDC
 OUTPUT: 0-5VDC $\pm 10\%$ 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
 THERMAL EFFECTS on SPAN: $\pm 0.005\%$ Reading/°F

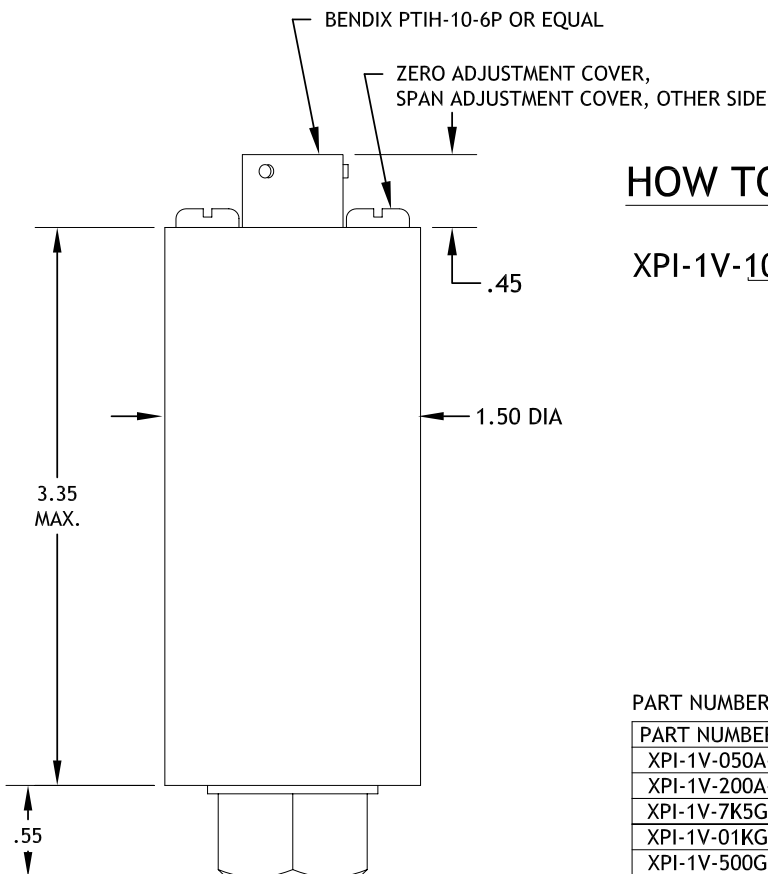
PROOF PRESSURE: 150% of Rated Pressure
 BURST PRESSURE: 300% of Rated Pressure

MATERIAL-Wetted Parts: 17-4 PH Stainless Steel

WIRING CODE/

Connector:

PIN A +Supply
 PIN B & C Output Common/Supply Return
 PIN D +Output
 PIN E Shunt Cal 1 } when specified
 PIN F Shunt Cal 2 } (Add "-SC" to end of P/N)



HOW TO ORDER:

XPI-1V-100G-PA

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

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

RANGE / CAPACITY
 EX: 050 = 50 PSI
 250 = 250 PSI
 01K = 1000 PSI
 7K5 = 7500 PSI
 10K = 10 000 PSI

PART NUMBER EXAMPLES:

PART NUMBER	RANGE	PRESSURE PORT
XPI-1V-050A-PC	50 PSIA	7/16-20 FEMALE
XPI-1V-200A-PC	200 PSIA	7/16-20 FEMALE
XPI-1V-7K5G-PC	7500 PSIG	7/16-20 FEMALE
XPI-1V-01KG-PC	1000 PSIG	7/16-20 FEMALE
XPI-1V-500G-PA	500 PSIG	1/4 NPT FEMALE

All dimensions are inches, unless otherwise noted.