

# PWD 360 WET/WET DIFFERENTIAL PRESSURE TRANSDUCER

The PWD 360 offers wet/wet differential pressure measurements for media compatible with stainless steel. The compact size contains no internal O-rings or fluid filled cavities, making it ideal for applications including water management, gas pipeline instrumentation, filtration, and natural gas compressors. These are among a few of the many applications the PWD 360 can handle. In the event that either pressure port is at full line pressure and the other at zero, no damage will be done to the transducer/transmitter. Both voltage and current outputs are available over a wide operating temperature range. Measurements are available in differential pressures covering line pressures up to 1,000 PSI.

- **COMPACT AND RUGGED DESIGN**
- **WIDE OPERATING TEMPERATURE RANGE**
- **EMI/RFI PROTECTION TO 100 V/M**
- **SUITABLE FOR HIGH SHOCK AND VIBRATION APPLICATIONS**

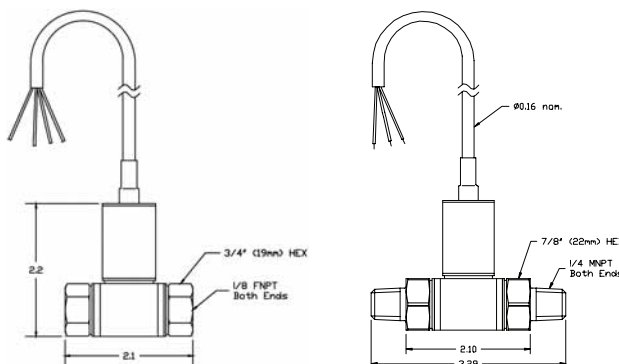
## SPECIFICATIONS

PRESSURE RANGES:	20 to 1000 PSID
ACCURACY:	±0.3% BFUL
MATERIAL:	17-4PH/304 Stainless Steel
TEMPERATURE RANGE:	30° TO 130° F
OUTPUT:	0.25 to 5 Vdc, 1-5 Vdc, 1-6 Vdc, .5 to 4.5 Vdc Ratiometric, 4-20 mA
BRIDGE RESISTANCE:	NA
EXCITATION:	10 TO 30 Vdc, 5 Vdc (ratiometric)
LINE PRESSURE:	0-100 to 1000 PSI
PROOF PRESSURE:	Rated Line Pressure on P1 or P2
BURST PRESSURE:	5x the rated line pressure or 2000 PSI, whichever is less
PRESSURE PORT:	1/8-27 NPT Female
CABLE:	As Required

NOTE: Certifications for this product available for additional cost.



## DIMENSIONAL DATA



## AVAILABLE RANGES

DP, min\*: 0-20, 0-50, 0-100, 0-200 PSID  
Line Pressure, max: 100, 250, 500, 1000 PSI  
Burst Pressure: 500, 1250, 2000, 2000 PSI

Process Connection:  
A = 1/4" Male NPT  
C = 1/4" BSP Male  
J = 1/8" Female NPT

Pressure Range: (Line Pressure)  
Insert line pressure

Pressure Unit: P=PSI, B=Bar,  
K=kg/cm<sup>2</sup>

Outputs:  
1 = 0.5- 4.5 V ratiometric  
3 = 1-5 V  
4 = 4-20 mA  
6 = 1-6 V

Electrical:  
A = 2Ft Cable  
B = 4Ft Cable  
E = Mini DIN 43650  
L = Conduit 2 ft. Cable

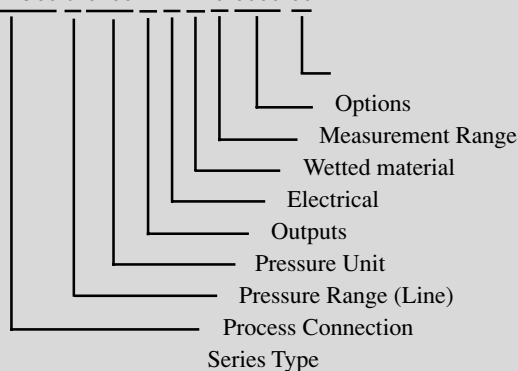
Wetted material:  
0=17-4PH/304, 1=316 L

Measurement Range:  
Insert 4-digit measurement  
range code from the chart.

Options: 0=XX

Order Code Example:

PWD 360-J-0100-P-1-A-0-0000-00



\*All pressure ranges between the minimum range and the line pressure are available.