

Features

- Five measurement ranges (Vacuum to 8700 PSI)
- Color coded for easy identification
- Corrosion proof stainless steel housing
- Accuracy of .5% Full Scale (FS)



Transducer Technical Data

	PD ** -0100	PD ** -0600	PD ** -1500	PD ** -4000	PD ** -6000
Measuring Range (Pressure)	-14.5 to 145	0 to 870	0 to 2175	0 to 5800	0 to 8700 <sup>(1)</sup>
Color Code	Blue	Green	Yellow	Orange	Red
Measuring Range (Temp.)	-13°F to 221°F	-13°F to 221°F	-13°F to 221°F	-13°F to 221°F	-13°F to 221°F
Max. Overload Pressure	290	1450	3625	14500	14500
Output Signal (Volts)	-0.2 to 2	0 to 3	0 to 3	0 to 3	0 to 3
Hysteresis (% FS Typical)	0.1	0.05	0.1	0.08	0.05
Repeatability (%FS Typical)	0.08	0.13	0.13	0.1	0.1
Non-conformity (%FS)	0.25	0.2	0.2	0.28	0.25
Response Time	1 ms	1 ms	1 ms	1 ms	1 ms
Excitation Voltage	7-12 VDC	7-12 VDC	7-12 VDC	7-12 VDC	7-12 VDC

(1) Maximum Rated Pressure for PD Series Couplers is 6000 psi.

Materials of Construction

Transducer .....Stainless steel  
 Diaphragm .....Stainless steel  
 Coupler.....Zinc Plated steel  
 Seal.....Fluorocarbon

Temperature Range

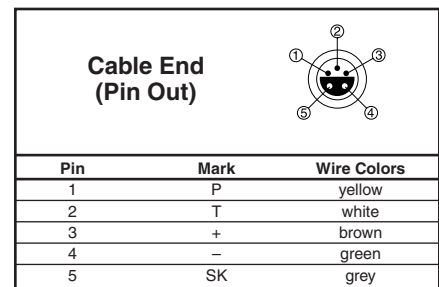
Working.....-4° to 185°  
 Fluid .....-13° to 221°  
 Storage .....-40° to 257°

Output

Accuracy.....0.5% FS  
 Load .....2m ohms  
 Response time .....1 ms  
 Output signal to noise .....0.1%FS  
 Resonant frequency .....100 Hz

Voltage Requirement

7 to 12 VDC excitation voltage  
 Permissible ripple .....±2% ss  
 Current requirement .....5 mA



F Diagnostic