

# PWD 305 - LOW RANGE DIFFERENTIAL PRESSURE TRANSDUCER

The PWD Wet/Wet Differential pressure transducers utilize a bidirectional design which accepts fluid in both ports to measure full scale differential pressures from 0.5 to 150 psid. Overload stops and stainless steel construction are standard features, providing added durability, impressive accuracies of 0.25% to 0.5% full scale are achieved over a wide variety of line pressures. Typical applications include flow measurement, depth sensing, pressure equalization, and liquid level.

- **ACCURACY TO 0.25%**
- **OVERLOAD STOPS**
- **0.5 TO 30 PSID**
- **316 STAINLESS STEEL CONSTRUCTION**
- **OPTIONAL AMPLIFIED OUTPUTS**

## SPECIFICATIONS

### PWD 305

PRESSURE RANGES:	0.5 psid to 30 psid
NON-LINEARITY:	±0.15% F.S.
HYSTERESIS:	±0.10% F.S.
NON-REPEATABILITY:	±0.05% F.S.
MATERIAL:	316 Stainless
TEMPERATURE RANGE:	30° to 130° F
OUTPUT:	0.5 psid - 1.0 mV/V 1 to 2 psid - 1.5 mV/V 5 to 25 psid - 2.0 mV/V
BRIDGE RESISTANCE:	350 ohm
EXCITATION:	10 Vdc
SAFE OVERPRESSURE:	1500 psi
MAX LINE PRESSURE:	1500 psi
PRESSURE PORT:	1/8-27 FNPT
CABLE:	As Required - mating conn. not incl (PTO6A-10-6S)



### PWD 305 AVAILABLE RANGES\*

0.5; 1; 2; 5; 10; 15; 25, 30 psid

\*Stocked ranges are in bold type.

Model PWD 305 is stocked semi-complete (3-6 weeks)

