PDA SERIES DIGITAL PRESSURE TRANSMITTER



Flow
Pressure
Level
Temperature
measurement
monitoring
control



- Ranges 0-30" Hg Vacuum to 0-5800 PSIG
- Fully Scalable 4-20 mA Output
- Accuracy ±0.5% of Full Scale
- Large Easy to Read LED Display
- Ceramic Pressure Sensing System for High Cycle Life



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Model: PDA



Features

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The PDA series digital pressure transmitter integrates the latest solid state sensing technology into a very versatile, simple to operate package. Programming features include programmable span adjustment, pulsation dampening, zero (tare) adjustment and user settable lockout code. The ceramic sensing system ensures an exceptionally long cycle life with virtually no calibration drift. These features along with the compact, robust stainless steel package make the PDA an ideal choice for OEM applications.



PDA Series Digital Pressure Transmitter

Specifications

Measuring Ranges: 0-30" Hg vacuum

to 0-5800 PSIG

Display Type: 3 digit LED

Accuracy: ±0.5% of full scale

Sensor Element: Piezoresistive

ceramic

Operating Temp. Range Process & Compensated

Medium: -4 to 176°F **Ambient:** -4 to 140°F

Overpressure Ratings:

-30" Hg to

1450 PSIG: 2x Max. range

>1450 PSIG: 1.5x Max. range

Process Wetted Parts

Sensing Element: Ceramic
Connection: 316L SS
O-Ring: Viton; others
available on

request

Housing Material: 304 Stainless Steel

Response Time: 0.5 Sec.

Dampening: Programmable averaging over 1,

2, 4, 8, 16, 32 or 64 samples

Electrical Data

Power Supply: 24 VDC ±20%,

80 mA max.

Output: 0(4)-20 mA 3-wire

Max. Loop Burden: 500 ohms

Electrical

Connection: 4-Pin Micro-DC

male (mating connector sold as accessory)

Electrical Protection:

NEMA 4/IP 65

Programmable Features

- Zero (Tare)
- Span
- Dampening
- Output Type (0-20/4-20 mA)
- Lockout Code
- Display Scaling



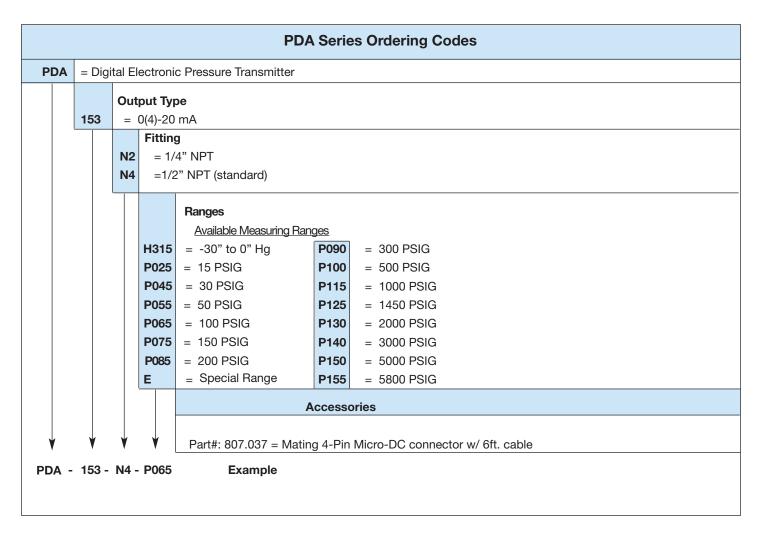


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DIMENSIONS

