

# PXD Pressure Transducers

## Accurate and Reliable 4-20 mA Pressure Measurements

For precise measurements and rugged reliability, the PXD-261 pressure transducer offers accuracy and durability in harsh conditions. Each transducer is individually calibrated over its operating range. Fully submersible cables and a small diameter transducer make deployment easy.

### Rugged

- Suitable for high-pressure environments
- Fully submersible cable and connector
- Stainless steel construction

### Robust

- Electronically isolated 4-20 mA signal
- Highly accurate and stable pressure sensor
- Excellent thermal stability

### Versatile

- Vented or non-vented
- Less than 1-in diameter
- Available in seven pressure ranges

### Convenient

- 1/4-in NPT threads for piping installations
- Extend cable up to 4500 ft without signal loss
- No field calibration required

## Applications

- **Aquifer characterization**
- **Marine and reservoir monitoring**
- **Long-term monitoring**
- **Packer installations**
- **High-pressure piping**
- **Industrial and municipal monitoring**
- **Regulatory monitoring**
- **PLC and SCADA systems**



## Sensor Specifications

|                              |  |
|------------------------------|--|
| <i>Operating principle</i>   | Stainless encased integrated silicon strain gauge bridge   |
| <i>Wetted materials</i>      | 316 stainless steel, Viton®  |
| <i>Length</i>                | 8.5 in (21.6 cm)   |
| <i>Diameter</i>              | 0.86 in (2.2 cm)   |
| <i>Weight</i>                | 1 lb. (0.45 kg)  |
| <i>Signal current</i>        | 4-20 mA  |
| <i>Min. warm-up time</i>     | 50 milliseconds  |
| <i>Range</i>                 | 15 PSI (35 ft, 11 m)<br>20 PSI (46 ft, 14 m)<br>30 PSI (69 ft, 21 m)<br>50 PSI (115 ft, 35 m)<br>100 PSI (231 ft, 70 m)<br>250 PSI (577 ft, 176 m) |
| <i>Accuracy</i>              | ±0.05% full scale @ 15°C (59°F)  |
| <i>Pressure rating</i>       | 2X full scale  |
| <i>Operating temperature</i> | 5° to 30°C (41° to 86°F)   |
| <i>Storage temperature</i>   | -40° to 125°C (-40° to 257°F)  |
| <i>Cable</i>                 | Quick-Connect or stripped and tinned   |

### CALL TO PURCHASE



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