



POTENTIOMETRIC PRESSURE TRANSDUCER

- Small size
- Rugged
- Fast response
- Low price
- Hermetically sealed
- Meets Mil spec environments
- Potentiometric data element
- Simple construction
- Reliable

Model 441

Bourns® Pressure Transducers

Specifications

| | |
|-----------------------------|--|
| Standard Ranges | 5-500 PSIA |
| Overpressure Limits | 150% of range |
| Standard Resistances | 2K, 5K, 7.5K, 10K ohms |
| Linearity | |
| To 10 PSIA | ±1.5% |
| To 500 PSIA | ±1.2% |
| Operating Temperature Range | -65°F to +165°F |
| Thermal Sensitivity | ±0.01% per 100°F |
| Resolution | 0.3% nominal |
| Power Rating | |
| @ 165°F | 0.25 watts |
| Output | Voltage ratio |
| Shock | 50 G for 11 ±1 ms |
| Vibration | 0.25" single amplitude, 5-2000 Hz with no discontinuities |
| Acceleration | ±0.03% per G up to 40 Gs, steady state |
| Media | Compatible with Ni-Span C* |
| Electrical Connection | PT1H-8-4P |
| End Sets | ±2%, 2.5% to 97.5% of range |

Specifications are typical. Contact factory for special requirements.

For ordering information, please contact your local Bourns representative or sales office.

