

NTI e-pst500 Pressure Sensor Transmitter (0 to 500 psi)

- Measure the pressure in a multitude of processes from hydraulic oils to chemicals. Ideal for compressors, pumping systems, irrigation system pressure, industrial process monitoring, hydraulic.
- Pressure Limits:
 - Range: 0 to 500 psi
 - Max Pressure: 1000 psi
 - Over Pressure: 2500 psi
- Requires the E-S5VDC sensor converter to operate with E-2D/5D/16D.
 - Powered by E-2D/5D/16D.
- Service: Compatible with gases and liquids
- Wetted Materials: Type 316L SS
- Accuracy: 1.0% FS; 0.5% RSS
- Temperature Limit: 0 to 200°F (-18 to 93°C).
- Compensation Temperature Range: 0 to 175°F (-18 to 79°C).
- Thermal Effect: $\pm 0.02\%$ FS/°F (includes zero and span)
- Power Requirements: 10 to 30 VDC
- Current Consumption: 10 mA maximum
- Output Signal: 0 to 5 VDC
- Response Time: 300 ms
- Loop Resistance: 5K Ohms
- Stability: 1.0% FS/year (Typ.).
- Electrical Connection: Cable gland with 3 ? of prewired cable
- Process Connection: 1/2" male NPT
- Enclosure Rating: Nema 4X (IP65)
- Mounting Orientation: Mount in any position
- Regulatory Approvals: CE
- A wide range of models and connections that can meet pressure measurement specifications from low to very high are available.