The SERIES 626 Pressure Transmitters possess a highly precise 0.25% full scale accuracy piezo-resistive sensor contained in a compact, rugged, NEMA 4X (IP66) stainless steel general purpose housing or cast aluminum conduit housing.

The SERIES 628 Pressure Transmitters are ideal for OEMs with 1% full scale accuracy sensors. The transmitter is also available in the general purpose stainless steel housing and the cast aluminum conduit housing. The corrosion resistant 316L stainless steel wetted parts allow the Series 626 and 628 transmitters to measure the pressure in a multitude of processes from hydraulic oils to chemicals. The Series 626 and 628 are available in absolute and pressure ranges with a variety of optional outputs, process connections and electrical terminations to allow you to select the right transmitter for your application.

FEATURES/BENEFITS
• NEMA 4X rated enclosure provides protection in harsh environments permitting outdoor monitoring or in areas where dust and particulate matter exists
• Robust 316 SS oil filled sensor provides shock and vibration resistance insuring stability in controlling pressure for process applications
• A wide range of models and connections that can meet pressure measurement specifications from low to very high

APPLICATIONS
• Compressors
• Pumping systems
• Irrigation equipment
• Hydraulic
• Industrial process monitoring

SPECIFICATIONS
Service: Compatible gases and liquids.
Wetted Materials: Type 316L SS.
Accuracy: 626: 0.25% FS; 626: 0.20% RSS; 628: 1.0% FS; 628: 0.5% RSS; 626 Absolute Ranges: 0.5% FS; 626 absolute ranges: 0.30% RSS. (Includes linearity, hysteresis, and repeatability.)
Temperature Limit: 0 to 200°F (-18 to 93°C).
Compensated Temperature Range: 0 to 175°F (-18 to 79°C).
Thermal Effect: ±0.02% FS/°F (includes zero and span).
Pressure Limits: See table.
Power Requirements: 10 to 30 VDC (for 4 to 20 mA, 0 to 5, 1 to 5, 1 to 6 VDC outputs); 13 to 30 VDC (for 0 to 10, 2 to 10 VDC outputs); 5 VDC ±0.5 VDC (for 0.5 to 4.5 VDC ratio-metric output).
Output Signal: 4 to 20 mA, 0 to 5 VDC, 1 to 5 VDC, 0 to 10 VDC, or 0.5 to 4.5 VDC.
Response Time: 300 ms.
Loop Resistance: 0 to 1000 Ohms max. R max = 50 (Vps-10) Ohms (4 to 20 mA output), 5K Ohms (0 to 5, 1 to 5, 1 to 6, 0 to 10, 2 to 10, 0.5 to 4.5 VDC output).
Stability: 1.0% FS/year (Typ.).
Current Consumption: 38 mA maximum (for 4 to 20 mA output); 10 mA maximum (for all 626/628/629-CH with optional LED).
Electrical Connections: Conduit Housing (-CH); terminal block, 1/2" female NPT conduit; General Purpose Housing (-GH); cable DIN EN 175601-803-C.
Process Connection: 1/4" male or female NPT and BSPT.
Enclosure Rating: NEMA 4X (IP66).
Mounting Orientation: Mount in any position.
Weight: 10 oz (283 g).
Agency Approvals: CE.

*Please see our website for dimensional drawings.
## INDUSTRIAL PRESSURE TRANSMITTER

**Complete Offering of Ranges, Connections and Outputs**

### PRESSURE LIMITS

<table>
<thead>
<tr>
<th>Range Number</th>
<th>Pressure Range</th>
<th>Maximum Pressure (psig)</th>
<th>Over Pressure (psig)</th>
<th>Range Number</th>
<th>Pressure Range (psig)</th>
<th>Maximum Pressure (psig)</th>
<th>Over Pressure (psig)</th>
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<td>00</td>
<td>0 to 200</td>
<td>400</td>
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<td>01</td>
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<td>06</td>
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### MODEL CHART

**Example 626-00-CH-P1-E1-S1-AT**

- **Accuracy**
  - 626: 0.25% full-scale accuracy
  - 628: 1.0% full-scale accuracy

- **Range**
  - 00: 0 to 15 psia
  - 01: 0 to 30 psia
  - 02: 0 to 50 psia
  - 03: 0 to 100 psia
  - 04: 0 to 200 psia
  - 05: 0 to 300 psia
  - 06: 0 to 5 psi
  - 07: 0 to 15 psi
  - 08: 0 to 30 psi
  - 09: 0 to 50 psi
  - 10: 0 to 100 psi
  - 11: 0 to 150 psi
  - 12: 0 to 200 psi
  - 13: 0 to 300 psi
  - 14: 0 to 500 psi
  - 15: 0 to 1000 psi
  - 16: 0 to 1500 psi
  - 17: 0 to 3000 psi
  - 18: 0 to 5000 psi
  - 19: 0 to 8000 psi
  - 20: 0 to 0.5 bar
  - 21: 0 to 2.5 bar
  - 22: 0 to 10 bar
  - 23: 0 to 40 bar

- **Housing**
  - CH: Conduit housing
  - GH: General purpose housing

- **Process Connection**
  - P1: 1/4˝ male NPT
  - P2: 1/4˝ female NPT
  - P3: 1/4˝ male BSPT
  - P5: 1/4˝ female SAE with refrigerant valve depressor
  - P9: 1/2˝ male NPT

- **Electrical Connection**
  - E1: Cable gland with 3’ of prewired cable
  - E3: Cable gland with 9’ of prewired cable
  - E4: DIN EN 175801-803-C
  - E5: 1/2˝ female NPT conduit
  - E6: M-12 4 pin connector
  - E8: Packard connector

- **Signal Output**
  - S1: 4 to 20 mA
  - S2: 1 to 5 VDC
  - S4: 0 to 5 VDC
  - S5: 0 to 10 VDC
  - S7: 0.5 to 4.5 VDC

- **Options**
  - AT: Aluminum tag
  - NIST: NIST traceable certificate
  - LED: Bright red LED display

- **ACCESSORIES**
  - Model Description
    - A-164: 16.4´ (5 m) cable with M-12 4-pin female connector
    - A-960: 3´ packard cable
    - A-961: 9´ packard cable
    - A-962: 20´ packard cable

© Available with -GH housing only, NEMA 4 (IP65)
© Available with -CH housing only
© LED option is not NEMA 4X (IP66)
© Power requirement: 5 VDC ±10%