INDUSTRIAL PRESSURE TRANSMITTERS
Complete Offering of Ranges, Connections and Outputs

The Series 626 Industrial 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 Industrial Pressure Transmitters are ideal for OEMs with 1% full-scale accuracy sensors. 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 gage 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: 10-30 VDC (for 4-20 mA, 0-5, 1-5, 1-6 VDC outputs); 13-30 VDC (for 0-10, 2-10 VDC outputs); 5 VDC ±0.5 VDC (for 0.5-4.5 VDC ratio-metric output), 10-35 VDC (for 4-20 mA with -CB option); 13-35 VDC or isolated 16-33 VAC (for selectable output with -CB option).
Output Signal: 4-20 mA, 0-5 VDC, 1-5 VDC, 0-10 VDC, or selectable 0-5, 1-5, 0-10, 2-10 VDC for -CB option.
Response Time: 300 ms.
Loop Resistance: 0 to 1000 Ω max. R max = 50 (Vps-10) Ω (4-20 mA output), 0-1250 Ω max. Rmax = 50(Vps-10) Ω (4-20 mA output with -CB option), 5K Ω (0-5, 1-5, 1-6, 0-10, 2-10, 0.5-4.5 VDC output).
Stability: 1.0% FS/year (Typ.).
Current Consumption: 38 mA maximum (for 4-20 mA output); 10 mA maximum (for 0-5, 1-5, 1-6, 0-10, 2-10, 0.5-4.5 VDC output); 140 mA maximum (for all 626/628/629-CB with optional LED).
Electrical Connections: See model chart.
Process Connection: See model chart.
Enclosure Rating: NEMA 4X (IP66).
Mounting Orientation: Mount in any position.
Weight: 10 oz (283 g).
Agency Approvals: CE, NSF, UL.

*Please see our website for dimensional drawings.
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Complete Offering of Ranges, Connections and Outputs

**Model Chart**

<table>
<thead>
<tr>
<th>Example</th>
<th>626</th>
<th>-00</th>
<th>-CH</th>
<th>-P1</th>
<th>-E1</th>
<th>-S1</th>
<th>-AT</th>
<th>626-00-CH-P1-E1-S1-AT</th>
<th>Price</th>
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<tr>
<td>Accuracy</td>
<td>0.25% full-scale accuracy</td>
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<td>Range</td>
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**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 psig
- 07 0 to 15 psig
- 08 0 to 30 psig
- 09 0 to 50 psig
- 10 0 to 100 psig
- 11 0 to 150 psig
- 12 0 to 200 psig
- 13 0 to 300 psig
- 14 0 to 500 psig
- 15 0 to 1000 psi
- 16 0 to 1500 psi
- 18 0 to 3000 psi
- 19 0 to 5000 psi
- 20 0 to 8000 psi
- 22 0 to 200 psig
- 26 0 to 300 psig
- 67 0 to 0.5 bar
- 71 0 to 2.5 bar
- 75 0 to 10 bar
- 81 0 to 40 bar

**Housing**

- CB Conduit box housing +37.00
- 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 +5.80
- E4 DIN EN 175801-803-C
- E5 1/2˝ female NPT conduit
- E6 M-12 4 pin connector-UL
- E8 Packard connector
- E9 M-12 4 pin connector non-UL

**Signal Output**

- S1 4-20 mA
- S2 1-5 VDC
- S4 0-5 VDC
- S5 0-10 VDC
- S7 0-4.5 VDC
- S8 Selectable 0-5, 1-5, 0-10, 2-10 VDC

**Options**

- AT Aluminum tag +14.25
- LCD LCD indication +100.00
- NIST NIST traceable certificate +139.00
- NW NSF/ANSI 61/372 certified +59.00

**ACCESSORIES**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
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<tbody>
<tr>
<td>A-626L</td>
<td>16.4’ (5 m) cable with M-12 4-pin female connector</td>
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<td>A-62X-M</td>
<td>Field-upgradeable LCD</td>
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<td>A-960</td>
<td>3’ packard cable</td>
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<td>A-961</td>
<td>9’ packard cable</td>
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<td>A-962</td>
<td>20’ packard cable</td>
<td>$20.00</td>
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