The Series 2700 Current to Pressure Transducer combines economical startup cost, low air consumption, and reliable performance to make the Series 2700 a great investment. The unit converts a variable current signal to a proportional pneumatic output. It has input and output ports on both the front and back, which allows for versatile plumbing. The NEMA 4X enclosure enables the unit to be installed indoors or outdoors, however, the unit is not vibration resistant. It is FM and CSA approved for intrinsically safe operation. The 2700 is designed for remote or panel mounting. An integral volume booster provides high flow capacity, increasing control speed in critical applications. Other features include external zero and span adjustments which are convenient for field calibration.

The Series 2800 Current to Pressure Transducer utilizes a closed loop pressure feedback system that closely controls output and compensates for vibration, mounting angle, temperature, and supply pressure variations. These characteristics make this unit ideal for use in demanding applications. The 2800 also comes designed for remote or panel mounting. An integral volume booster provides high flow capacity, increasing control speed in critical applications. Other features include external zero and span adjustments which are convenient for field calibration.

### Specifications

**Series 2700**

<table>
<thead>
<tr>
<th>Model</th>
<th>Input</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>2713-WP</td>
<td>4-20 mA</td>
<td>3-15 psig (0.2-1.0 bar)</td>
</tr>
<tr>
<td>2716-WP</td>
<td>4-20 mA</td>
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**Series 2800**

**Accessories**

- A-180 Valve Mounting Kit, for Hi-Flow™ control valves (Series 2800 only)
- A-181 DIN Rail Mounting Kit, suitable for EN-50035, EN-50042, and EN-50022 rails
- A-182 Pipe Mounting Kit, for 1-1/2 and 2" pipes

**Value Mount**, for factory mounting and calibration to Hi-Flow™ control valves, adds Current-to-Pressure Transducer model number as suffix (Series 2800 only)

**Agency Approvals:**

- CE, CSA, FM
- FM Intrinsically Safe Ratings: Class I, Division 2, Groups C, D, E, F, and G; Class I, Division 2, Groups A, B, C, and D; Class II and III, Division 2, Groups F and G.
- CSA Intrinsically Safe Ratings: Class I, Division 2, Groups C and D; Class II, Groups E, F, G, and Class III.

**Power Requirement:**

Loop powered.

**Temperature Limits:**

Series 2700: -20 to 150°F (-29 to 66°C); Series 2800: -40 to 160°F (-40 to 71°C).

**Air Consumption:**

Series 2700: 0.03 scfm (0.01 l/s) at midrange typical; Series 2800: 0.025 scfm (0.01 l/s) at midrange typical.

**Pressure Connections:**

Series 2700: 3-15 psig (0.2 to 1.0 bar), 6-30 psig (0.4 to 2.1 bar).

**Air Supply:**

Oil free, clean dry air filtered to 40 microns.

**Electrical Connection:**