

## I/A Series

# Low Profile Pressure Transmitters

### Description

This structural option for Foxboro transmitters provides users with diverse mounting possibilities — plus ready retrofit of many competitive differential or multivariable transmitters.

These innovative low-profile structures use a vertical, in-line design so that their process connections face downward when the transmitter is in the upright position, as shown above. They are offered in addition to the traditional Foxboro transmitters that have horizontal process connections.

Choose the structure that best fits your installation requirements — Traditional or Low Profile.

Low Profile transmitter structures provide a compact sensor body, lower transmitter height, and a mounting arrangement that is similar to that of competitive Coplanar™ transmitters. This makes it easier and less expensive to replace existing transmitters and reuse existing installation designs without being limited to a single supplier.

Choose from two low-profile process cover designs:

- LP1 is small, lightweight and ideal for direct manifold mounting. It comes as standard with a side vent/drain screw and can be used in either the vertical or horizontal position.
- LP2 is designed for upright mounting and comes with a variety of drilled and tapped mounting holes to fit existing Foxboro and competitive mounting brackets. It is also supplied with dual vent and drain screws on each side for ease of use.

Both LP1 and LP2 structures may be mounted directly to manifolds. An optional adapter plate, bolts, and gaskets even allows either structure to mount directly onto existing Coplanar™ manifolds having non-industry standard connections.



### Features/Benefits

- Greater installation flexibility
- Easy retrofit
- Compact sensor body
- Installation similar to/compatible with competitive Coplanar™ transmitters (downward-facing process connections)
- Easy, inexpensive replacement of existing transmitters
- Freedom to use multiple transmitter suppliers
- LP1 process cover for installation directly on supported process manifolds
- LP2 process cover for manifold mount or bracket mounting on either Foxboro or existing Coplanar™ bracket
- Available with compact three- or five-valve manifolds
- Optional adapter plate for installation directly onto existing Coplanar™ manifold

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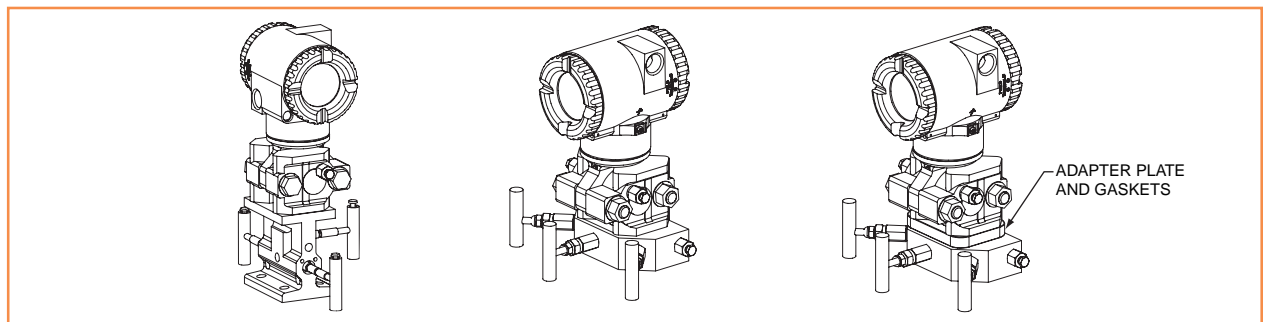
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LP1 Structure is ideal for mounting directly to any standard manifold. An optional adapter plate, gaskets, and

bolts even allows mounting directly on non-industry standard competitive Coplanar™ manifolds.



For horizontal mounting, the innovative tangential vent/drain screw on the LP1 Structure serves as either a vent or drain depending on transmitter mounting position. Unlike competitive Coplanar™ transmitters, the high and

low sides can be reversed without disassembly to reorient the vent/drain screws. Impulse piping should slope up to the transmitter for gas applications and down for liquid applications.



LP2 Structure is ideal for bracket mounting and fits both existing Foxboro brackets and the new universal bracket as shown. It will even fit most competitive mounting brackets, including brackets for Coplanar™ transmitters. It is

supplied as standard with dual vent and drain screws on each side for complete cavity venting and draining when mounted in the upright position, as shown. Like the LP1 Structure it may also be manifold mounted.



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