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Integral Orifice Assembly

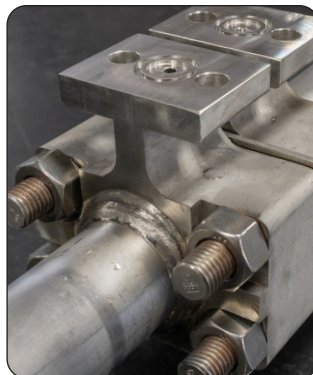
Ideal for liquid, gas and steam applications

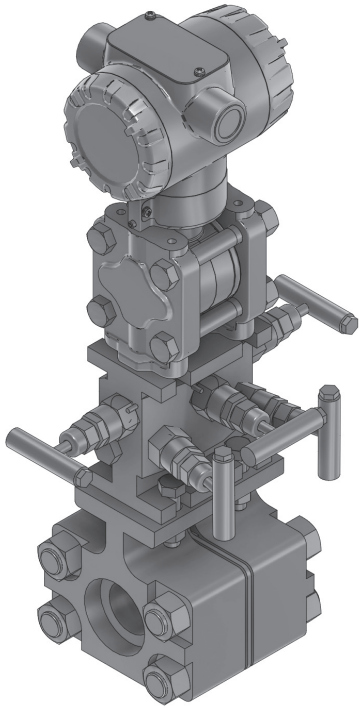
Mac-Weld integral orifice assemblies help eliminate measurement inaccuracies possible with small orifice line installations.

An integral flow orifice assembly is used when a differential pressure transmitter must be directly mounted on the orifice assembly. This eliminates the cost of the installation of a differential pressure transmitter with impulse piping up to the orifice assembly. This fully integrated flow meter eliminates the need for fittings, tubing, valves, adapters, and mounting brackets, thereby reducing welding and installation time. The transmitter can be remote-mounted or mounted directly to the orifice assembly through either a H or T style manifold valve.

Design Advantages:

- Higher rate or accuracy in volumetric flow rate
- Light weight design compared to orifice flange
- Allows direct mounting of manifold valves and transmitters
- Sold as a single unit or as part of a complete meter run
- Line sizes available up to a maximum of 1.5"
- Available connections; socket weld and threaded
- Large selection of materials available
- Custom designs available upon request





Integral Orifice Assembly with valve and transmitter

