



Flow Master

for Secondary Instrumentation

Description

The complete flow metering system, when using a venturi meter as the primary signal source it consists of the venturi meter (cast iron, flanged; fabricated and insert designs) and the differential pressure transmitter operating as the secondary instrument. By packaging all of the secondary system requirements in a compact enclosure, wiring, plumbing and installation can be easily performed, as well as annual calibrations. With the PFS-FM FlowMaster, Primary Flow Signal, Inc. has combined the critical elements of the typical secondary group in a sturdy NEMA-4X enclosure. These key elements generally include one or more PFS-HP high performance transmitter(s), three valve manifold(s), power supply, surge suppressor(s), totalizer/indicator and may include signal discrimination, chart recorder, linearizer(s) or other customized equipment to meet the specific and unique requirements of the field application.

Common Materials

- 316 Stainless Steel for the enclosure and wetted parts.

Applications

- Municipal Applications
- Liquids and Gases
- Water and air

Special Features

- Various options to suit the application
- Custom sizes
- Ease of installation
- Protected from the environment
- Makes calibration of components easier
- Various mounting options

Specifications

Function Purpose: Eliminates the need for owner or contractor to dedicate trained technical or skilled trades personnel for sourcing, purchasing, assembly, wiring, plumbing, calibration, troubleshooting, set up and any of the myriad of other additional responsibilities that are associated with providing an installation utilizing separate components.

Service Functional Limits: The Flow Master is geared toward the smaller plants that want a more turn key solution to the secondary instrumentation

Applications: Most gases, steam, liquids.

Common Materials: The enclosures are typically 316 Stainless Steel as are the plumbing fittings and tubing and wetted parts of most components. Other components will be manufactured from various materials.

Other Available Materials: Other materials for each component are available.