McCROMETER

SPI Mag™

Single Profile Insertion Flow Meter

Ideal for Clean or Dirty Water Flow Measurement

Highly Cost-Effective Flow Solution

SPI Mag™

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Key SPI Mag Specs in Brief *

The SPI Mag Insertion Flow Meter provides a highly cost-effective solution for the accurate measurement of liquid flow in closed conduit, pressurized pipe applications. The SPI measures forward flow only and is suitable for line sizes from 2 to 96 inches. The SPI can be easily re-located to various line sizes.

- **Proven electromagnetic technology based on Faraday's Law**
- **Debris shedding, self-cleaning sensor eliminates costly maintenance**
- **Cost is independent of line size**
- **Easy Hot Tap Installation - no interruption of flow process**

The SPI Mag is suitable for municipal water and wastewater applications including:

- **Wastewater:** Effluent, Waste Activated Sludge (WAS), Return Activated Sludge (RAS), Reclaim / Recycle
- **Clean Water:** Raw Water Intake, Clear Wells

The SPI Mag also reliably measures flow in many types of industrial flow processes involving conductive fluids such as potable water, slurries, sludge, cooling water, and pulp stock.

M-SERIES CONVERTER

The SPI Mag utilizes our pre-programmed M-Series Converter*:

- Curve-fitting algorithm to improve accuracy
- Dual 4-20 mA analog outputs
- RS485 port for easy connection to DCS
- 8 line graphical LCD display
- 3 key touch programming
- Rugged enclosure meets IP67

**See data sheet for complete specs and order information*

The SPI Mag is available with the following specs:

- **Range:** Nominal pipe size availability
- **Accuracy:** ±2% of reading ± 0.03 ft/s (± 0.009 m/s) zero stability from 0.3 to 32 ft/s velocity range (0.09 to 10m/s)
- **Pipe Sizes:** 2 - 96 inches (50 mm - 2,400 mm)
- Reverse flow indication

** See data sheet for complete specs and order information*

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