FPI Mag

Series:	**FPI-MAG**
USD Price:	Contact McCrometer

A New Approach to Accurate Water Flow Measurement

THE NEXT GENERATION MAG METER
The FPI Mag is ideal for capital or maintenance projects, retrofits and sites never before metered. The unique combination of accuracy, ease of installation and total cost savings make the FPI Mag the perfect choice for a wide range of Municipal and Industrial Applications. It really is The Next Generation Mag Meter.
ACCURACY:
The FPI Mag® meets or exceeds exacting industry standards of 0.5% accuracy with 3rd party testing verification. The multi-electrode design and unique operating principle delivers accuracy unmatched by other insertion meters and rivals the performance of full-bore mag meters.
AMI / AMR Smart Output™
The FPI Mag is available in battery or solar powered options for forward flow sensors, enabling installation in remote applications without access to power. Additionally, ask us about the new Smart Output feature, which allows the FPI Mag to connect to AMI / AMR systems through an encoded digital output.
SIMPLE INSTALLATION:
The insertion design of the FPI Mag allows for easy, hot tap installation, which allows the meter to be installed without interrupting service, de-watering lines, cutting pipe, welding flanges, or inconveniencing customers
LOWER COSTS:
Customers save up to 45% on installation and the total cost of ownership because the need for heavy equipment and added manpower required during a typical full bore, flanged meter installation isn’t necessary.
LINE SIZES:
The FPI Mag has no moving parts and a single-piece design. The multi-electrode water flow sensor contains nothing to wear or break and is generally immune to clogging by sand, grit or other debris. The FPI Mag is available with forward-flow only or bi-directional measurement for line sizes from 4 to 138 inches.
ROBUST CONSTRUCTION:
The sensor body is made from heavy-duty 316 stainless steel for maximum structural integrity and is hermetically sealed and protected by NSF certified 3M fusion-bonded epoxy coating.
CERTIFICATIONS:
Certified by CSA to UL 61010-1 and CSA C22.2 No. 61010-1-04
ISO 9001:2008 certified quality management system

Specifications

Accuracy:	± 0.5% from 1 ft/s to 32 ft/s (0.3 m/s to 10 m/s) ± 1% from 0.3 ft/s to 1 ft/s (0.1 m/s to 0.3 m/s)
Body material:	316 Stainless Steel Sensor Body, Insertion Hardware and Sensor Electrodes NSF Certified 3M Fusion-Bonded Epoxy Coating
Line size:	4 to 138" (100 mm to 3,500 mm)
Range:	0.3 ft/s - 32 ft/s (0.1 m/s - 10 m/s)
Repeatability:	0.3% of reading