

## FPI Mag (Hot Tap Install)



**Brand:** McCrometer

### Short Description

The Only Hot Tap Full Profile Insertion Mag Meter The FPI electromag flow meter is ideal for capital or maintenance projects, retrofits and sites that have never before been 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. McCrometer's multi-electrode design and unique operating principle, delivers accuracy unmatched by other insertion meters and rivals the performance of full-bore mag meters. This next generation of insertion technology makes flow monitoring efforts simple and precise.

### Description

**KEY BENEFITS AND FEATURES** Accuracy that Meets or Exceeds Industry Standards The FPI Mag® meets or exceeds exacting industry standards of  $\pm 0.5\%$  accuracy with 3rd party testing verification. Easily Connects to AMI / AMR Systems The FPI Mag is available in battery or solar powered options for forward and bi-directional flow sensors, enabling installation in remote applications without access to power. The Smart Output feature allows the FPI Mag to connect to AMI / AMR systems through an encoded digital output. Insertion Design Allows for Simple Installation The insertion design 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. No Moving Parts 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. 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. Electrodes are

constructed from stainless steel as a standard and Hastelloy as a custom option.  
Certifications • ISO 9001:2015 certified quality management system • NSF/ANSI/CAN 61 • NSF/ANSI 372 • Certified by MET to UL 61010-1 • Certified by MET C22.2 No. 61010-1-04 • NEC & CEC: Class 1, Division 2, Groups A-D, Groups A-D, T5 • NEC & CEC: Class 2, Zone 2, Groups A-D, T5 Supports the Following Applications • Water and Wastewater Treating • Filter Balancing and Backwash • Wells and Booster Stations • UV Stations • Effluent Wastewater • Cooling Water • Feed Water • Raw Water • Inlet to Surge Basin • And More Certification

## **Product Gallery**

