

PRM Electromagnetic Flow Meter



The PRM EFM-DN series meters are flow totalizing meters that can be used to provide rate flow and totalized flow of various liquids such as water, polymers, surfactants and other chemicals. These meters are non-invasive electromagnetic meters designed for harsh applications and long life with excellent accuracy. Unlike paddlewheel, vortex or other mechanical meters, there are no moving parts through the entire measuring chamber and accuracy is increased while maintenance requirements are decreased. The entire flow chamber consists of a PTFE liner to ensure absolute chemical compatibility.

Specifications:

- Size: 1/2" - 3" Flange ANSI 150#
- Temp. Range: -4°F to 300° F
- Max. Pressure: 230 psi
- Liner Material: PTFE
- 316SS Electrodes Standard
- Body and Flange: Carbon Steel
- Flow Range:
 - 1/2 inch: 1-42 GPM
 - 1 inch: 3-115 GPM
 - 2 Inch: 15-466 GPM
 - 3 Inch: 40-1193 GPM
- Power: 24VDC
- Signal Output:
 - 4-20mA and pulse output
- IP67 Protective Covering, Explosion-Proof for Class 1, Div. 2 Locations
- Accuracy: $\pm 0.5\%$
- Meter is calibrated for water



PRM Part

1/2 Inch - FMPHILHTLD15031111GCBX

1 Inch - FMPHILHTLD25031111GCBX

2 Inch - FMPHILHTLD50031111GCBX

3 Inch - FMPHILHTLD80031111GCBX

** Options **

Hart Communications protocol

Hastelloy or Titanium Effect Sensors.

(Flowmeters for use with acid solutions are at the user's discretion of risk . PRM is not responsible for compatibility with the users process. Consult with an engineer for guidance on chemical compatibility. The Electromag meters standard electrodes are 316SS with options for Hastelloy and Titanium.)

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