

New Low Cost Direct Reading Flowmeters

New economical flowmeters provide visual indication of flow with a direct reading scale. Eliminate correlation charts and lookup tables. Dual flow scale in GPM and LPM for liquid flowmeters. SCFM scales for air flow meters. Quik Loc (half union) connectors. Mount flowmeters vertically in the pipe system.

Select from models with and without flow control valves. Control valve models have 90° elbow connections and MPT threads for panel mounting. Chemical resistant polysulfone body and connectors with a SS float and guide rod. One year warranty.

SPECIAL FEATURES

Direct reading scales for liquid or air
 Available with and without control valves
 Panel or rack mount
 All plastic body with 316SS float

APPLICATIONS

Cooling Systems
 Maintenance
 Pilot plants
 Monitoring Systems

FM80 Ordering Information

| Flow Range | Part No. | Part No. | Part No. |
|-------------------------------------|------------|-----------|------------|
| Liquid Flowmeters | w/o valve | w/o valve | with valve |
| | 3/8"NPT(F) | 1/2"MPT | 1/2"MPT |
| 0.4 to 4.0 LPM (0.1 to 1 GPM) | FM80.001 | FM80.011 | FM80.111 |
| 0.75 to 7.5 LPM (0.2 to 2.0 GPM) | FM80.002 | FM80.012 | FM80.112 |
| 1.8 to 18 LPM (0.5 to 5.0 GPM) | FM80.003 | FM80.013 | FM80.113 |
| Air Flowmeters | w/o valve | w/o valve | with valve |
| | 3/8"npt(f) | 1/2"mpt | 1/2"mpt |
| 1 to 12 SCFM | FM80.005 | FM80.015 | FM80.115 |

Direct Reading of flow rate¹

Control valve option!



FM80 flowmeters shown with 1/2" MPT connection

SPECIFICATIONS

Measurement Range: See ordering table
 Display/Resolution: varies 10:1 to 20:1
 Accuracy: ±5% full scale
 Sensor: guided float
 Max. Fluid Temp.: 100°C (212°F) @ 0 pressure
 Max. Fluid Pressure: 150 psig (10.3 bar) @ 21°C (70°F)
 Max. Pressure Drop: 2 psig (140 mbar)
 Max. Fluid Debris Size: 50 microns
 Connections: 3/8"NPT(F), 1/2"MPT (with valve) 1/2" MPT, 8.62" centerline
 Wetted parts: Polysulfone, Viton, 316SS
 Output: none
 Dimension (L x W x D) (without valve) 225 x 51 x 51 mm (8.87 x 2 x 2 in.)
 (with valve) 250 x 51 x 102 mm (9.87 x 2 x 4 in.)
 Weight: approx. 113 g (4 oz)
 Shipping Wt: approx. 0.45 kg (1 lbs)

For more information contact: