

# 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.
<b>Liquid Flowmeters</b>	<b>w/o valve</b>	<b>w/o valve</b>	<b>with valve</b>
	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
<b>Air Flowmeters</b>	<b>w/o valve</b>	<b>w/o valve</b>	<b>with valve</b>
	3/8"npt(f)	1/2"mpt	1/2"mpt
1 to 12 SCFM	FM80.005	FM80.015	FM80.115

**Direct Reading of  
flow rate<sup>1</sup>**

**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
Dimensions(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:**

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