POLYCARBONATE FLOWMETERS
Chemically Resistant, In-Line or Panel Mount Options, Adjustable Set Point Indicator Option

The Series LFM Polycarbonate Flowmeters are made of precision, injection molded polycarbonate bodies and fittings. This series consists of LFM, LFMB, LFMC, LFMD, LFME, and LFMF flowmeters with 3" (76 mm), 4" (100 mm), 5" (127 mm), 6" (152 mm), 8" (203 mm) and 11" (279 mm) respective scales. They feature dual, direct reading scales measuring in both GPM and LPM.

FEATURES/BENEFITS
• Low installation costs with standard in-line male NPT process connections and 90° elbow fitting for panel mount option
• Heat and chemically resistant polycarbonate body and fittings feature a low cost for high durability
• Easy to clean bodies yield low maintenance costs
• Adjustable set point indicator allows for easy visual set point indication decreasing costly flow reading error for LFMC, LFMD, LFME & LFMF

APPLICATIONS
• Chill water flow
• Reverse osmosis systems
• Deionized water systems

SPECIFICATIONS
Service: Water.
Wetted Materials: Body: Polycarbonate; Flange nut: ABS; Float stop: LFMA, LFMB, LFMC, LFMD, LFME, LFMF; Polypropylene; O-rings: Fluoroelastomer; Rod and float: 316 SS; Connections: 20 mm and 63 mm metric union fittings: ABS; 32 mm and 40 mm metric union fittings: PVC; 1/2" & 3/4" male NPT fittings for LFMA, LFMB, LFMC, LFMD, LFME, LFMF: ABS; 3/4" male and female NPT fittings for LFMD: PA66 nylon, 1" and 2" male NPT fittings: PA66 nylon;
• Pressure Limit: 87 psi (6 bar) at 68°F (20°C); 90" elbow fittings 116 psi (8 bar) at 68°F (20°C).
• Accuracy: ±5%.
• Process Connection: LFMA: 1/2" male NPT. Optional 20 mm metric union; LFMB: 1/2" male NPT. Optional 20 mm metric union or 1/2" male NPT with 90° elbow; LFMC: 1/2" male NPT. Optional 20 mm metric union, 3/4" male NPT, or 1/2" male NPT with 90° elbow; LFMD: 3/4" male NPT. Optional 32 mm metric union, 3/4" female NPT, or 3/4" male NPT with 90° elbow; LFME: 1" male NPT. Optional 40 mm metric union, 1" female NPT, or 1" male NPT with 90° elbow; LFMF: 2" male NPT. Optional 63 mm metric union or 2" female NPT.
• Weight: LFMA: 2 oz (56.7 g); LFMB: 3 oz (85.0 g); LFMC: 4 oz (113.4 g); LFMD: 10 oz (283.5 g); LFME: 15 oz (425.2 g); LFMF: 40 oz (1.1 kg).

CAUTION: Series LFM Flowmeters are for indoor use only or areas without direct sunlight. Polycarbonate is adversely affected by ultraviolet light.

ACCESSORIES - LFMA
Model Description
A-559 20 mm metric union fittings - ABS
A-560 1/2" male NPT fittings - ABS

ACCESSORIES - LFMB
Model Description
A-561 20 mm metric union fittings - ABS
A-567 1/2" male NPT fittings - ABS
A-575 1/2" male NPT with 90° elbow fittings - PVC

ACCESSORIES - LFMC
Model Description
A-562 20 mm metric union fittings - ABS
A-567 1/2" male NPT fittings - ABS
A-568 3/4" male NPT fittings - ABS
A-576 1/2" male NPT with 90° elbow fittings - PVC

ACCESSORIES - LFMD
Model Description
A-563 32 mm metric union fittings - PVC
A-569 3/4" male NPT fittings - nylon
A-572 3/4" female NPT fittings - nylon
A-577 3/4" male NPT with 90° elbow fittings - PVC

ACCESSORIES - LFME
Model Description
A-564 40 mm metric union fittings - PVC
A-570 1" male NPT fittings - nylon
A-573 1" female NPT fittings - nylon
A-578 1" male NPT with 90° elbow fittings - PVC

ACCESSORIES - LFMF
Model Description
A-565 63 mm metric union fittings - ABS
A-571 2" male NPT fittings - nylon
A-574 2" female NPT fittings - nylon

NISTCAL-FL1
NIST traceable calibration certificate

MODEL CHART
Model Range (GPM Water)
LFMA-01-A2 0.1 to 1 (0.5 to 4 LPM)
LFMA-02-A2 0.2 to 2 (1 to 7 LPM)
LFMA-03-A2 0.5 to 5 (1.8 to 18 LPM)
LFMB-04-A2 0.1 to 1 (0.5 to 4 LPM)
LFMB-05-A2 0.2 to 2 (1 to 7 LPM)
LFMB-06-A2 0.5 to 5 (1.8 to 18 LPM)

MODEL CHART
Model Range (GPM Water)
LFMC-07-A2 0.25 to 2.5 (1 to 10 LPM)
LFMC-08-A2 0.5 to 5 (1.8 to 18 LPM)
LFMD-09-A2 0.8 to 8 (3 to 30 LPM)
LFMD-10-C2 1.0 to 10 (4 to 40 LPM)
LFMD-11-C2 1.5 to 15 (5 to 50 LPM)
LFMD-12-F2 1.2 to 12 (5 to 50 LPM)
LFME-13-F2 20 to 200 (80 to 750 LPM)
LFME-14-F2 2.5 to 25 (10 to 100 LPM)
LFME-15-F2 5 to 50 (20 to 180 LPM)
LFME-16-F2 10 to 100 (40 to 400 LPM)
LFME-17-F2 20 to 200 (80 to 750 LPM)

ACCESSORIES - LFMF
Model Description
A-571 1" male NPT fittings - nylon
A-578 1" male NPT with 90° elbow fittings - PVC

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