

IN-LINE FLOWMETERS

For Use with Water and Air



FL-510, shown smaller than actual size.

FL-500 Series



Optional



FL-530, shown smaller than actual size.



FL-510, shown larger than actual size.

- ✓ Direct Reading in GPM, LPM, SCFM, and SLPM
- ✓ Scales for Air and Water
- ✓ Fluid is Always in View
- ✓ Mount in Any Position
- ✓ Easy to Clean and Maintain
- ✓ ±5% FS Accuracy

The FL-500 Series in-line flowmeters feature rugged construction, easy installation, and direct-reading flow rates for water and air at atmospheric and 90 psi pressures.

For added versatility, the FL-500 Series flowmeters can be ordered with electric proximity switches (order separately, see next page) to signal specific flow rates. Settings are easily adjustable with a screwdriver.

SPECIFICATIONS

Accuracy: ±5% FS

Construction:

Flow Tube and Float: PVC

Internal Wetted Parts:

316 SS end fittings

Brass, Female NPT Seals: FKM

Liquid Service: 200 psig @ 21°C (70°F)

Gas Service: 100 psig @ 21°C (70°F)

Maximum Temperature:

66°C (150°F) @ 25 psig

Pressure Drop: 4 psig FS

Dimensions: 177.8 mm (7") long

FL-505 through FL-515:

50.8 mm (2") Dia.

FL-530 through FL-550:

76.2 mm (3") Dia.

To Order

| Model No. | Female NPT End Fittings (Brass) | Scales—Metric Equivalent Supplied Standard | |
|-----------|---------------------------------|--|-------------------|
| | | Water LPM (GPM) | 90 psi Air (SCFM) |
| FL-505 | 1 FNPT | 2 to 20 (0.5 to 5) | 5 to 50 |
| FL-510 | 1 FNPT | 4 to 38 (1 to 10) | 15 to 90 |
| FL-515 | 1 FNPT | 6 to 55 (1.5 to 15) | 15 to 135 |
| FL-530 | 1½ FNPT | 11 to 110 (3 to 30) | 30 to 300 |
| FL-540 | 1½ FNPT | 15 to 150 (4 to 40) | 40 to 400 |
| FL-550 | 1½ FNPT | 20 to 200 (5 to 50) | 50 to 500 |

Comes complete with operator's manual.

For polysulfone body and float, add suffix "-PLSF" to model number, consult Flow Engineering for price.

For NIST traceable certificate, for water only, add suffix "-NIST" to model number for additional cost.

Ordering Examples: FL-515, 1 FNPT flowmeter, 15 GPM, 135 SCFM.

FL-550, 1½ FNPT flowmeter, 50 GPM, 500 SCFM max.