

# 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.