

FLOW MONITORS FOR CORROSIVE OR ULTRAPURE FLUIDS

CAPACITY: 0 to 9 GPM of Water

FL-X Series



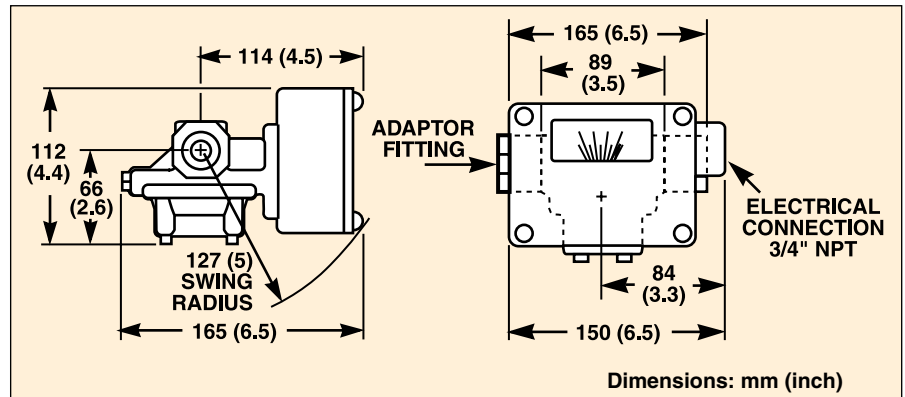
- ✓ ±5% Full Scale Accuracy
- ✓ ±1% Reading Repeatability
- ✓ Built-In Signal Switch
- ✓ 316 SS Wetted Parts
- ✓ Designed for Use with Clear or Opaque Liquids
- ✓ Corrosion Resistant Construction
- ✓ Polysulfone Housing
- ✓ 200 psig Pressure Rating
- ✓ 93°C (200°F) Temperature Rating



FL-X5 shown smaller than actual size.

FL-X Series variable-area flowrate indicators utilize fluid movement to actuate a swinging vane, which drives the scale pointer and triggers the signal switch. The corrosion-resistant construction includes no breakable tubes, and a display that is unaffected by the opacity of the fluid.

These flow meters feature rugged construction and easily accommodate flows up to 1.5 times the maximum scale reading without damage. All internal wetted parts are made of 316 SS, and the body housing is polysulfone with FKM seals.



SPECIFICATIONS

- Accuracy:** ±5% full scale
- Repeatability:** ±1% of reading
- Pressure Drop:** 2.2 psi, average
- Weight:** 794 g (1 lb, 12 oz)
- Signal Switch:** 3-wire SPDT, rated 15 A @ 125 Vac
- Maximum Pressure:** 200 psig from -18 to 93°C (0 to 200°F)
- Housing Material:** Polysulfone
- Internal Wetted Parts:** 316 SS
- Seals:** FKM, others available (consult OMEGA)
- Connections:** 3/4" NPT, female, plastic

To Order

Model No.	Flow Range (GPM Water)	Readout Increments
FL-X3	0 to 3	1
FL-X4	0 to 4	1
FL-X5	0 to 5	1
FL-X6	0 to 6	1
FL-X7	0 to 7	1
FL-X8	0 to 8	1
FL-X9	0 to 9	1

Ordering Examples: FL-X8, flow meter for corrosive or ultrapure fluids, 0 to 8 GPM range.
 FL-X3, flow meter for corrosive or ultrapure fluids, 0 to 3 GPM range.