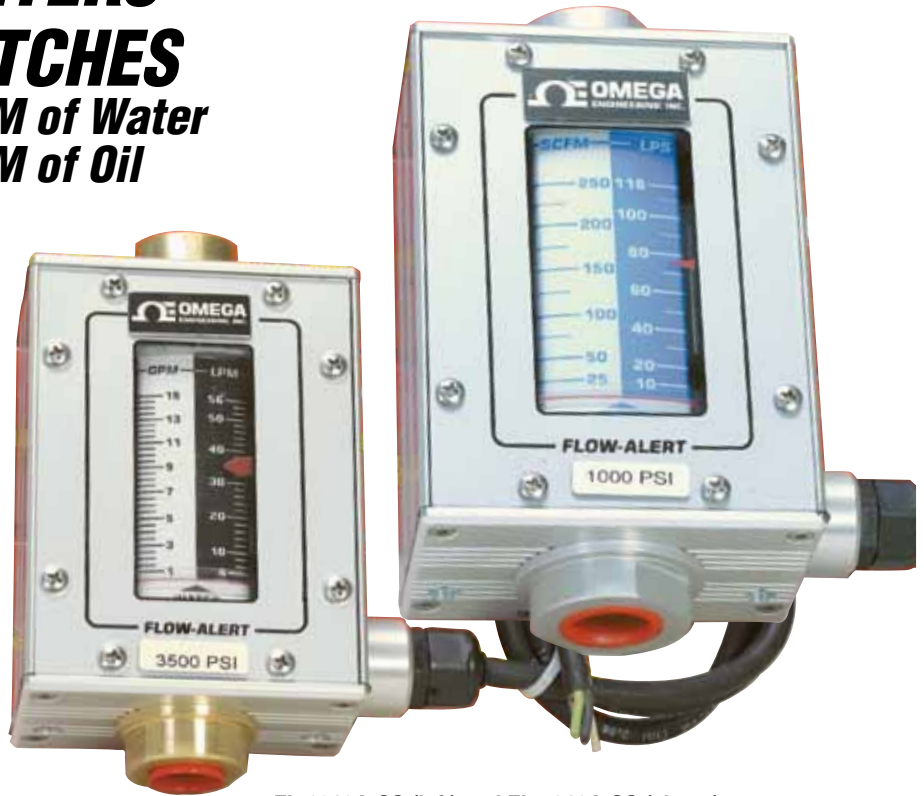


# IN-LINE FLOWMETERS WITH LIMIT SWITCHES

**CAPACITY: 0.2 to 30 GPM of Water  
0.1 to 30 GPM of Oil**

## FL-6101SS

- ✓ ±2% Full Scale Accuracy
- ✓ ±1% Full Scale Repeatability
- ✓ Direct Readings for Oil or Water
- ✓ Built-in Limit Switch for Alarm and Control
- ✓ Mounts in Any Direction
- ✓ Easy Setpoint Adjustment
- ✓ Splash-Proof Construction
- ✓ Compact Size
- ✓ ½ or ¾ FNPT Connections



FL-6312A-SS (left) and FL-7918A-SS (above), shown smaller than actual size

OMEGA® in-line flowmeters offer high accuracy flow rate indication for oil or water and the ability to either control the flowrate or alarm on high or low flowrates. These units feature an SPDT switch which can be triggered at any point along the flow range.

### SPECIFICATIONS

**Switch:** Micro SPDT 10 @ 250 Vac (½ NPT meters); 15 @ 480 Vac (¾ NPT meters)

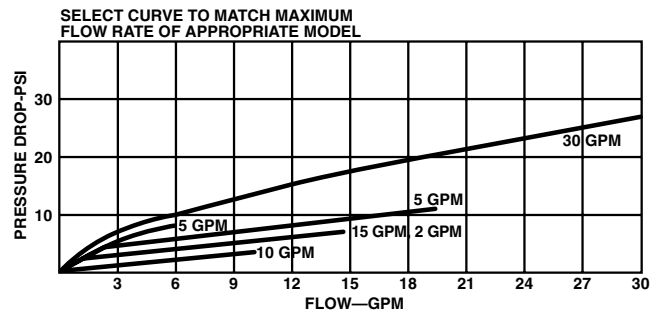
**Cable:** 0.9 m (3') cable supplied with FL-6000-SS units

**Max. Temperature and Pressure:** 116°C (240°F) (except ½" 82°C [180°F])/600 psi for air; 116°C (240°F) (except ½" 82°C [180°F])/3000 psi for water; 116°C (240°F) (except ½" 82°C [180°F])/3000 psi for oil

**Dimensions (D x W x Lay Length):** ½ NPT: 102 x 72 x 167 mm (4 x 2.82 x 6.6"); ¾ NPT: 83 x 184 x 182 mm (3.3 x 7.3 x 7.2")

**Wetted Parts:** Oil meters-aluminum, Alnico (polyacetal for ½"), and 303 SS; water meters-brass, nickel-plated Alnico, 303 SS (and polyacetal for ½"); air meters-aluminum, nickel-plated Alnico, 316 SS (and polyacetal for ½")

**Note:** Chart shown is pressure drop data of oil for FL-7600 Series in-line flowmeters. Add 10% to pressure drop for water.



### To Order

Model No.	Medium Sp. Gr.	Range	Connections	Pressure Drop (psid)
FL-6101A-SS	Oil/0.876	0.1 to 1 GPM	½ NPT	1.2
FL-6102A-SS	Oil /0.876	0.2 to 2 GPM	½ NPT	1.2
FL-6318A-SS	Water/1.0	0.2 to 2 GPM	½ NPT	2
FL-6304A-SS	Water/1.0	0.5 to 5 GPM	½ NPT	3
FL-6312A-SS	Water/1.0	1 to 15 GPM	½ NPT	9
FL-6720A-SS	Air/100 psi	2 to 20 SCFM	½ NPT	2
FL-7605A	Oil/0.876	0.5 to 5.0 GPM	¾ NPT	8
FL-7609A	Oil/0.876	1.0 to 10 GPM	¾ NPT	4
FL-7615A	Oil/0.876	2 to 20 GPM	¾ NPT	7
FL-7625A	Oil/0.876	3 to 30 GPM	¾ NPT	28
FL-7825A	Water/1.0	3 to 30 GPM	¾ NPT	24
FL-7940A-SS	Air 100 psi	5 to 50 SCFM	¾ NPT	3
FL-7918A-SS	Air 100 psi	20 to 250 SCFM	¾ NPT	25

**Ordering Example:** FL-6101A-SS, in-line flowmeter with limit switch for oil, 0.1 to 16 GPM.