

# IN-LINE FLOWMETERS WITH LIMIT SWITCHES

**CAPACITIES: 0.2 to 30 GPM of Water, 0.1 to 30 GPM of Oil,  
2 to 250 SCFM of Air**

FL-6101B  
Starts at



Optional †

- ✓ ±2% FS Accuracy
- ✓ ±1% Repeatability
- ✓ Direct Readings for Water, Oil, or Air
- ✓ 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

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

## SPECIFICATIONS

**Switch:** Micro SPDT 10A @ 250 Vac

**Cable:** 0.8 m (34") cable

**Max Temperature and Pressure:**

**Water/Oil:** 116°C (240°F)/3500 psi

**Air:** 116°C (240°F)/1000 psi

**Dimensions (D x W x Lay Length):**

½ NPT: 102 x 72 x 168 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:**

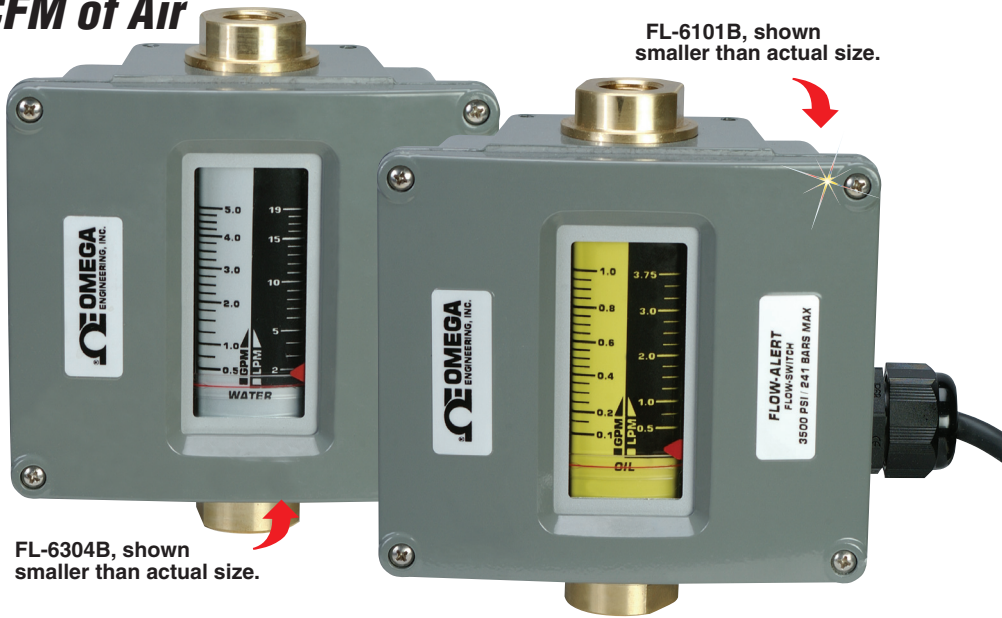
**Water Meters:** C360 brass body, piston, and cone; T302 SS spring; ceramic magnet

**Oil Meters:** 2024-T351 anodized aluminum body, piston, and cone; T302 SS spring; ceramic magnet

**Air Meters:** 2024-T351 anodized aluminum body, piston, and cone; T302 SS spring; ceramic magnet

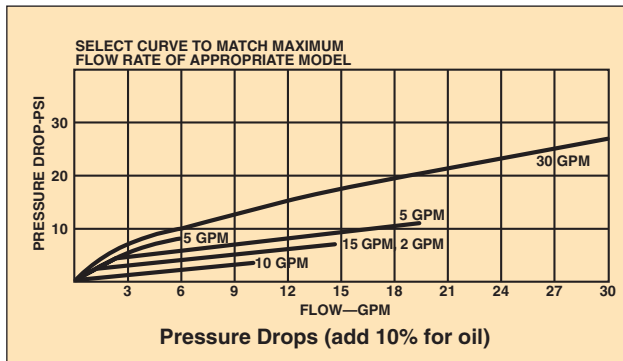
**Enclosure:** NEMA 12 (IP65)

**Relay:** 10A@250 Vac max;  
0.5A@125 Vdc max



FL-6101B, shown smaller than actual size.

FL-6304B, shown smaller than actual size.



■ MOST POPULAR MODELS HIGHLIGHTED!

## To Order (Specify Model Number)

Model No.	Medium/ Sp. Gr.	Range	Connections	Pressure Drop (psid)
FL-6101B	Oil/0.876	0.1 to 1 GPM	½ NPT	1.2
FL-6102B	Oil/0.876	0.2 to 2 GPM	½ NPT	1.2
FL-6318B	Water/1.0	0.2 to 2 GPM	½ NPT	2
FL-6304B	Water/1.0	0.5 to 5 GPM	½ NPT	3
FL-6312B	Water/1.0	1 to 15 GPM	½ NPT	9
FL-6720B	Air/100 psi	3 to 25 SCFM	½ NPT	2
FL-7605B	Oil/0.876	0.5 to 5.0 GPM	¾ NPT	8
FL-7609B	Oil/0.876	1.0 to 10 GPM	¾ NPT	4
FL-7615B	Oil/0.876	2 to 20 GPM	¾ NPT	7
FL-7625B	Oil/0.876	3 to 30 GPM	¾ NPT	28
FL-7825B	Water/1.0	3 to 30 GPM	¾ NPT	24
FL-7940B	Air/100 psi	5 to 50 SCFM	¾ NPT	3
FL-7918B	Air/100 psi	25 to 250 SCFM	¾ NPT	25
CM-0498	Reference Book: Viscous Flows			

Comes complete with operator's manual.

For 2 limit switches add suffix "-R2" to model number and to price.

† For 5-point NIST certificate add suffix "-NIST5" to model number and to price.

**Ordering Examples:** FL-6101B, in-line flowmeter with limit switch for oil, 0.1 to 1 GPM, FL-6318B, in-line flowmeter with limit switch for water, 0.2 to 2 GPM,

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