

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
\$420



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:

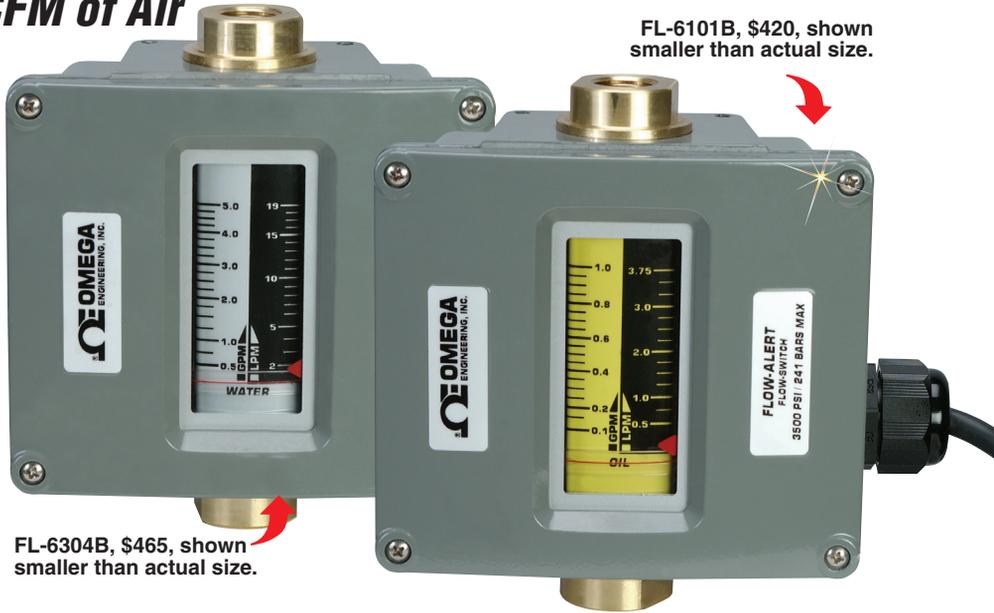
Water Meters: C360 brass body, piston, and cone; T302 SS spring; ceramic magnet

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

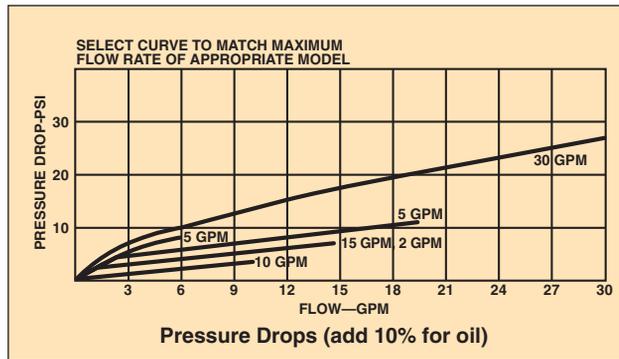
Enclosure: NEMA 12 (IP65)

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



FL-6101B, \$420, shown smaller than actual size.

FL-6304B, \$465, shown smaller than actual size.



■ MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

Model No.	Price	Medium/ Sp. Gr.	Range	Connections	Pressure Drop (psid)
FL-6101B	\$420	Oil/0.876	0.1 to 1 GPM	½ NPT	1.2
FL-6102B	420	Oil/0.876	0.2 to 2 GPM	½ NPT	1.2
FL-6318B	465	Water/1.0	0.2 to 2 GPM	½ NPT	2
FL-6304B	465	Water/1.0	0.5 to 5 GPM	½ NPT	3
FL-6312B	465	Water/1.0	1 to 15 GPM	½ NPT	9
FL-6720B	420	Air/100 psi	3 to 25 SCFM	½ NPT	2
FL-7605B	509	Oil/0.876	0.5 to 5.0 GPM	¾ NPT	8
FL-7609B	509	Oil/0.876	1.0 to 10 GPM	¾ NPT	4
FL-7615B	509	Oil/0.876	2 to 20 GPM	¾ NPT	7
FL-7625B	509	Oil/0.876	3 to 30 GPM	¾ NPT	28
FL-7825B	549	Water/1.0	3 to 30 GPM	¾ NPT	24
FL-7940B	510	Air/100 psi	5 to 50 SCFM	¾ NPT	3
FL-7918B	510	Air/100 psi	25 to 250 SCFM	¾ NPT	25
CM-0498	100	Reference Book: Viscous Flows			

Comes complete with operator's manual.

For 2 limit switches add suffix "-R2" to model number and \$50 to price.

† For 5-point NIST certificate add suffix "-NIST5" to model number and \$275 to price.

Ordering Examples: FL-6101B, in-line flowmeter with limit switch for oil, 0.1 to 1 GPM, \$420.

FL-6318B, in-line flowmeter with limit switch for water, 0.2 to 2 GPM, \$465.

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