IN-LINE FLOW METERS WITH LIMIT SWITCHES
CAPACITY: 0.2 to 30 GPM of Water, 0.1 to 30 GPM of Oil, 2 to 250 SCFM of Air

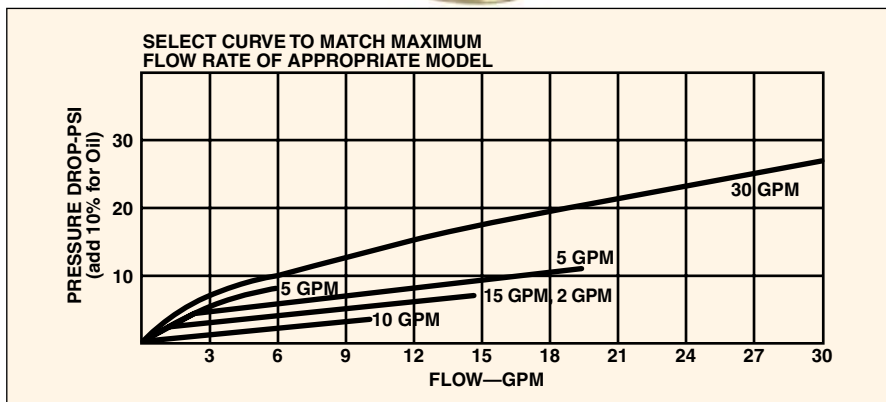## FL-6101B

1 YEAR WARRANTY | **NIST** | **RoHS**
Optional

- ✔ **±2% Full Scale 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**

TRODEKS® in-line flow meters 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
Maximum 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 maximum; 0.5A@125 Vdc maximum

SELECT CURVE TO MATCH MAXIMUM FLOW RATE OF APPROPRIATE MODEL

To Order

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

For 2 limit switches add "-R2" to part number for additional cost.
***Ordering Examples: FL-6101B,** in-line flow meter with limit switch for oil, 0.1 to 1 GPM*
***FL-6318B,** in-line flow meter with limit switch for water, 0.2 to 2 GPM.*
For 5-point NIST certificate add "-NIST5" to part number for additional cost.