

MICRO-FLOW SENSORS

For Low Flow Water Applications



FP-5060 Series



- ✓ Measures Flow Rates as Low as 0.03 GPM, 0.11 LPM
- ✓ Splash-Proof
- ✓ All Plastic Construction

The FP-5060 Series micro-flow sensors are constructed of polyphenylene sulfide and have high material strength. The series offers two flow ranges, starting at 0.03 GPM, for clean process liquids, regardless of fluid color. These sensors can be connected to flexible tubing or rigid pipe and use standard hardware for mounting. Having only one moving part reduces their operating cost and maintenance requirements.

SPECIFICATIONS

- Output Signal:** Open collector NPN transistor, 10 mA maximum sink
- Cable Length:** 7.5 m (25')
- Mounting:** Horizontal surface $\pm 30^\circ$
- Linearity:** $\pm 1\%$ of full range
- Repeatability:** 0.5% of full range
- Maximum Viscosity:** 20 cP
- Pressure/Temperature:** 0 to 80°C (32 to 176°F) @ 80 psi maximum
- Wetted Materials:**
 - Sensor base, cover and rotor shaft: glass-filled polyphenylene sulfide
 - Rotor: PEEK™, natural, unfilled
 - Rotor O-ring: FKM
 - Cover O-ring: FKM

- Maximum Pressure Drop:** 25 psi @ maximum flow
- Power Requirements:** 5 to 24 Vdc @ 10 mA maximum
- Dimensions:** 100 L x 81 W x 36 mm H (3.96 x 3.2 x 1.42")
- Weight:** 250 g (9.6 oz)

To Order

Model No.	Port Type	Flow Range LPM (GPM)
FP-5061	¼ NPT	0.11 to 2.6 (0.03 to 0.7)
FP-5062	ISO 7/1-R¼	0.11 to 2.6 (0.03 to 0.7)
FP-5063	¼ NPT	1.13 to 12.11 (0.3 to 3.2)

Accessories

Model No.	Flow Range
DPF701	Rate or total panel meter, Visit omega.com/ for more details

Comes complete with operator's manual, and 7.5 m (25') of cable.
Ordering Examples: FP-5063, micro-flow sensor, 0.3 to 3.2 GPM.
 FP-5061, micro-flow sensor, 0.03 to 0.7 GPM, and DPF701, meter.