Flow Switches, Thermal

Flow Sensor
For Water and Water Based Liquids/Oil and Oil-Based Liquids

Series FMS Flow Sensor FMS-1 is for applications requiring RELATIVE measurement and set-point of flow rate. This means that the actual velocity of the flow or the quantitative measurement in GPM is not known and is not important. What is important is that the set-point can be set as a "percentage of" or "relative to" the full flow rate. No other flow sensor could do it this simply or effectively.

How It Operates
The model FMS uses a set of flashing LED’s to indicate flow. All 7 of the LED’s will remain lit to show 100% flow rate. When you initially set the flow rate, it will mark that as your 100% mark. If your flow reduces below the 50% mark, you will get an alarm from the sensor.

The transparent Series P5 Shuttle Flow Switch features corrosion resistant, durable PVC housing for visual confirmation in flow/no flow applications. The switches have preset actuation points from 0.5 to 2.0 GPM for actuation on increasing flow. Switching is SPST N.O. or SPST N.C. which is adjustable via "set" push button. Repeatability: < 0.5%, Hysteresis: 10% of set-point value typical.

SPECIFICATIONS
Service: Water and water based liquids/oil and oil-based liquids.
Wetted Materials: Sensor head: 303 SS.
Low Flow Set Point: Auto set @ 50% / adjustable via "set" push button.
Set Point Range: 5.0 to 2000 lbs (0-150 cm/s).
Repeatability: < 0.5%.
Hysteresis: 10% of set-point value typical.
Medium Temperature Limits: -4 to 176°F (-20 to 80°C).

Model FMS-1, Flow Sensor PNP N.O. ................. $328.00
Model FMS-2, Flow Sensor PNP N.C. .............. 328.00
Items are net priced and are not subject to any discount.

PVC Shuttle Flow Switch
Low Cost Flow/No Flow Monitoring, Visual Flow Indication, Broad Chemical Compatibility

The transparent Series P5 Shuttle Flow Switch features corrosion resistant, durable PVC housing for visual confirmation in flow/no flow applications. The switches have preset actuation points from 0.5 GPM to 2.0 GPM. Switching is SPST N.O. or SPST N.C. with flow). PNP NO (switch closed with flow), PNP NC (switch open with flow).

SPECIFICATIONS
Service: Water and water based liquids/oil and oil-based liquids.
Wetted Materials: Housing: SS. Process Connection: 1/2˝ male NPT.
Electrical Connection: M12 male socket 4-pin. Comes with 6.5 ft (2 m) cable with M12 connector and pigtail. Process Connection: 1/2˝ male NPT.
Enclosure Rating: NEMA 4 (IP56).
Initial Operation: After 15 seconds.
Switch Type: PNP NO (switch closed with flow), PNP NC (switch open with flow).
Weight: 0.5 lb (.25 kg).

Power Consumption: 6 W max.

Agency Approvals: CE.

Electrical Rating: 17A @ 120 VAC, .08A @ 240 VAC, .13A @ 120 VDC, .06A @ 240 VDC.

Electrical Connection: 22 AWG, 24˝ (61 cm), PVC lead wire.

Process Connection: 1/2˝ female NPT, 3/4˝ IPS or 1˝ IPS.

Required Filtration: 150 microns or better.

Mounting Orientation: Vertical, inlet facing down.

Weight: 6 oz (.17 kg).

Agency Approvals: CE.

|$91.00
| 1/2 NPT port adapter

|$91.00
| 1/2 NPT port adapter

|$91.00
| 1/2 NPT port adapter

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