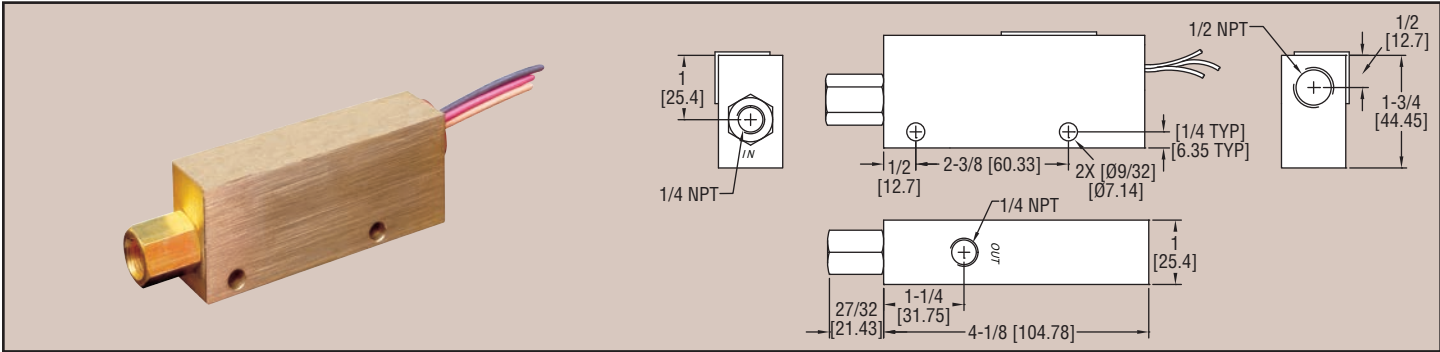




Series
P1

Brass Flow Switch

Fixed Setpoints, Flow Rates from 0.10 to 1.5 GPM



The Series P1 Brass Flow Switch utilizes a piston-type design for accurate detection of excessive or insufficient flow rates. The piston magnetically actuates a hermetically sealed SPDT reed switch. The switches have preset actuation points from 0.10 to 1.5 GPM for liquid flow. The Series P1 is ideal for protecting against loss of fluid flow in hydraulic systems or assuring proper coolant flow in semiconductor processing.

SPECIFICATIONS

Service: Compatible liquids.

Wetted Materials: Housing: Brass; Piston: Polysulfone; Spring: 316SS; O-Ring: Fluoroelastomer; Other: Epoxy.

Temperature Limits: -20 to 225°F (-29 to 107°C).

Pressure Limits: 1000 psig (68.9 bar).

Accuracy: ±10% of set point.

Repeatability: ±1%.

Switch Type: SPDT.

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

Electrical Connection: 18 AWG, 24" (60.96 cm), polymeric lead wires.

Process Connection: 1/4" female NPT.

Mounting Orientation: Any position. Set points shown are based on vertical, inlet down position.

Required Filtration: 50 microns or better.

Weight: 0.66 lb (301 g).

Agency Approvals: CE.

Model	Actuation Set Point* GPM (LPM)
P1-011	0.10 (.38)
P1-012	0.25 (.95)
P1-013	0.50 (1.89)
P1-014	0.75 (2.84)
P1-015	1.00 (3.79)
P1-016	1.50 (5.68)

*Calibrated for water at standard conditions.