High inline pressures are no problem for the Series P8 brass flow switch. The switch integrates a one-piece magnetic PPS composite piston to handle pressure up to 1500 psi. The P8 switches use 100 micron filtration and are less susceptible to clogging than other high inline pressure switches. Setpoints range from 0.25 to 2.0 GPM for liquid flow. Use the Series P8 in industrial cleaning equipment or high pressure lubrication systems.

**SPECIFICATIONS**

**Service:** Compatible liquids.

**Wetted Materials:** Housing: Brass; Piston: PPS composite, epoxy; Spring: 316SS; O-ring: Fluorocarbon.

**Temperature Limits:** -20 to 275°F (-28 to 135°C).

**Pressure Limits:** 1500 psi (103.4 bar).

**Accuracy:** ±20% of set point.

**Switch Type:** SPST, N.O.

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

**Electrical Connection:** No. 22 AWG, 24˝ (61 cm), polymeric leads.

**Process Connections:** 3/8˝ male NPT.

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

**Required Filtration:** 100 microns or better.

**Weight:** 6 oz (.17 kg).

**Agency Approvals:** CE.

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The Series P4 PPS Flow Switch features a molded plastic construction for enhanced performance. Monitor liquids with fixed set points from 0.1 to 1.5 GPM. Choose normally open or normally closed SPST or SPDT hermetically sealed reed switch technology. The industrial switch features PPS R4 housing and piston, 316SS spring, Fluoroelastomer O-ring and Epoxy. The inlet and outlet ports are 9/16”-18 UNF-28 thread with optional 1/8˝ or 1/4˝ NPT or 1/2˝ barbed adapters.

**SPECIFICATIONS**

**Service:** Compatible liquids.

**Wetted Materials:** Housing and piston: Polyphenylene sulfide (PPS) R4; Spring: 316 SS; O-ring: Fluoroelastomer; Other: Epoxy.

**Temperature Limits:** 0 to 225°F (17 to 107°C).

**Pressure Limits:** 250 psig (17 bar) @ 54°F (12°C).

**Accuracy:** ±15% of set point.

**Repeatability:** ±1%.

**Switch Type:** SPST or SPDT.

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

**Electrical Connection:** 18 AWG, 24˝ (60.96 cm), PVC lead wires.

**Process Connection:** 9/16-18 UNF-28 or choice of connection adapters (sold separately).

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

**Required Filtration:** 50 microns or better.

**Weight:** 4 oz (0.11 kg).

**Agency Approvals:** CE.