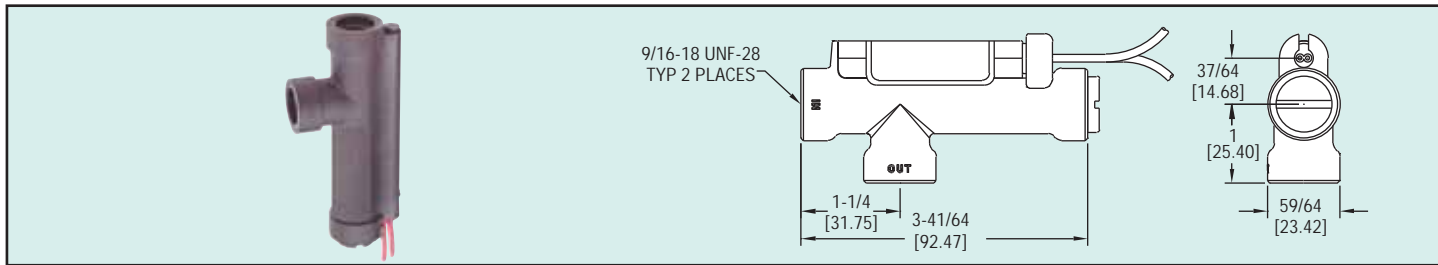




Series  
P4

# PPS Piston Flow Switch

Fixed Set Points from 0.1 to 1.5 GPM, SPST and SPDT Switching, Optional Adapters



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" and 1/4" NPT or 1/2" barbed adapters.

Model	Actuation Set Point GPM (LPM)	Switch Type
P4-11	.1 (.38)	SPST, N.O.
P4-12	.25 (.95)	SPST, N.O.
P4-13	.5 (1.89)	SPST, N.O.
P4-14	.75 (2.84)	SPST, N.O.
P4-15	1 (3.7)	SPST, N.O.
P4-16	1.5 (5.68)	SPST, N.O.
P4-31	.1 (.38)	SPDT
P4-32	0.25 (.95)	SPDT
P4-33	0.5 (1.89)	SPDT
P4-34	0.75 (2.84)	SPDT
P4-35	1.0 (3.79)	SPDT
P4-36	1.5 (5.68)	SPDT

## 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.

## Optional Adapters

Model	Description
P4-98	1/8" NPT female
P4-94	1/4" NPT female
P4-92	1/2" barb female