

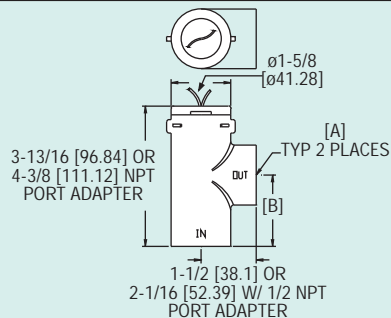


Series  
P5

# PVC Shuttle Flow Switch



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



DIM "A"	DIM "B"
1/2 NPT	(25/16) [58.74]
3/4 IPS	(2-1/16) [52.39]
1 IPS	(1-15/16) [49.21]

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 normally open at no flow. Choose from 1/2" NPT or 3/4" IPS (for 0.5 GPM) or 1" IPS (for 2.0 GPM) inlet and outlet ports. The shuttle design has only one moving part for long life and minimum maintenance. Remove the one-piece bonnet and shuttle assembly to quickly clean the unit without disturbing the housing or piping. Rugged construction and excellent chemical compatibility simplify flow / no flow detection.

Model	Actuation Set Point GPM (LPM)	Process Connection
P5-1	.5 (1.89)	1/2" NPT port adapter
P5-2	.5 (1.89)	3/4" IPS
P5-3	2.0 (7.57)	1" IPS

## SPECIFICATIONS

**Service:** Compatible liquids.

**Wetted Materials:** Housing, shuttle and bonnet: PVC; O-ring: Buna-N; Epoxy.

**Temperature Limits:** 120°F (49°C).

**Pressure Limit:** 120 psig (8.2 bar) @ 70°F (21°C) to 100°F (38°C), 50 psig (3.45 bar) @ 101°F (38.3°C) to 120°F (49°C).

**Accuracy:**  $\pm 20\%$  of set point.

**Repeatability:**  $\pm 1\%$ .

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

**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.