MINI PLASTIC FLOW SWITCH

FSW-120 Series

1 YEAR WARRANTY

✔ **Small and Lightweight**
✔ **Plastic and Stainless Steel Construction**
✔ **No Switch-Point Adjustment**

FSW-122 shown actual size.

The FSW-120 Series of compact PPS switches are ideal for use where space is at a premium. Designed for use with water and water based solutions, these switches are suitable for high volume OEM applications. They are ideal for coolant or chemical monitoring in portable equipment and many other applications with space constraints. The switch points are based on water flow, other liquids may require field testing.

SPECIFICATIONS
Wetted Materials:
   Housing and piston PPS
   Spring 316 stainless steel
   O-Ring FKM
   Other wetted parts epoxy
Maximum Pressure: 17.2 bar (250 psig) at 21°C (70°F)
Operating Temperature: -17 to 107°C (0 to 225°F)
Set Point Accuracy: ±15% maximum
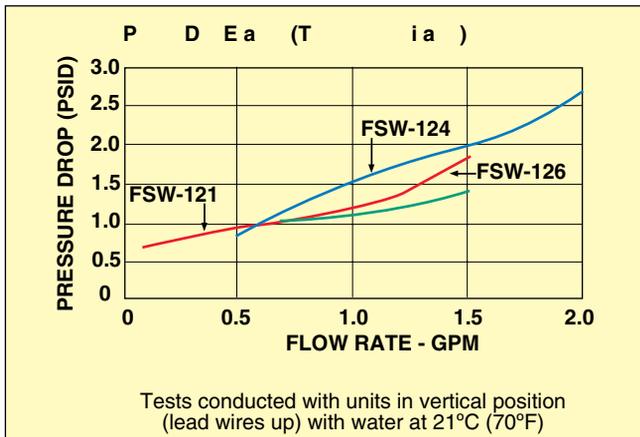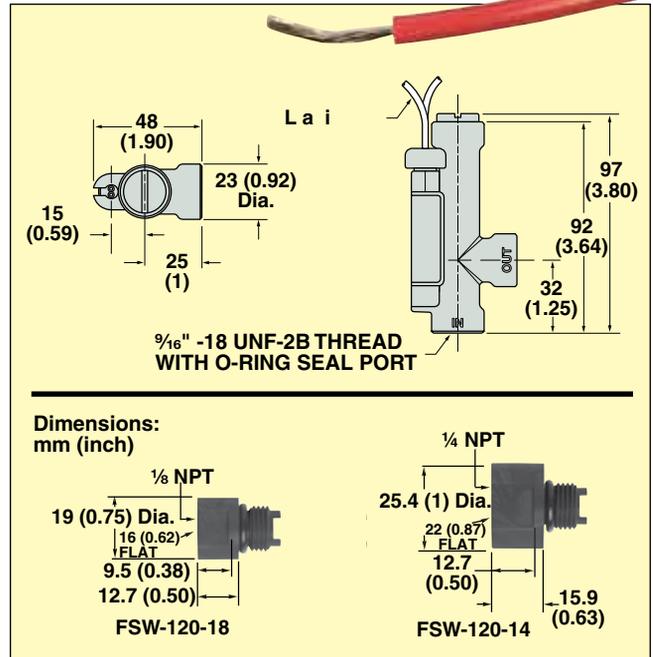**Set Point Differential:** 20% maximum
Relay: SPDT 20 VA
Inlet/Outlet Ports: ⁹⁄₁₆" -18 UNF-2B thread (NPT adaptors available)
Recommended Filtration: 50 Microns or better
Electrical Termination: 18 AWG, zipcord, 609 mm (24") long
Weight: 140 g (5 oz)

Dimensions: mm (inch)

48 (1.90) **L a i**
15 (0.59)
23 (0.92) Dia.
25 (1)
97 (3.80)
92 (3.64)
OUT
32 (1.25)
IN
⁹⁄₁₆" -18 UNF-2B THREAD WITH O-RING SEAL PORT

⅛ NPT
19 (0.75) Dia.
16 (0.62) FLAT
9.5 (0.38)
12.7 (0.50)
FSW-120-18

¼ NPT
25.4 (1) Dia.
22 (0.87) FLAT
12.7 (0.50)
15.9 (0.63)
FSW-120-14

Tests conducted with units in vertical position (lead wires up) with water at 21°C (70°F)

Chart: PRESSURE DROP (PSID) vs FLOW RATE - GPM, showing curves for FSW-121, FSW-124, and FSW-126.

To Order *Visit omega.com/fsw-120 for Pricing and Details*

Model No.	Description
FSW-121	Plastic flow switch 0.10 GPM switch point
FSW-122	Plastic flow switch 0.25 GPM switch point
FSW-123	Plastic flow switch 0.50 GPM switch point
FSW-124	Plastic flow switch 0.75 GPM switch point
FSW-125	Plastic flow switch 1.00 GPM switch point
FSW-126	Plastic flow switch 1.50 GPM switch point
FSW-120-18	⁹⁄₁₆"-18 UNF to ⅛ NPT adaptor
FSW-120-14	⁹⁄₁₆"-18 UNF to ¼ NPT adaptor

Comes complete with operator's manual.

Notes: *Flow settings are calibrated using water at 21°C (70°F) on increasing flow, with units in a vertical position. Care should be taken to ensure fluid compatibility with the above listed wetted materials.*

Ordering Examples: FSW-122, *0.25 GPM flow switch with* ***FSW-120-18,*** *⅛ NPT adaptor.*

FSW-124, *0.75 GPM flow switch with FSW-120-14, ¼ NPT adaptor.*