INDUSTRIAL FLOW SWITCHES

From 0.12 to 70 GPM
Non-Magnetic–Ideal for Rusty Water

FSW-32A

- Rugged Industrial Design
- Switch Point Adjustable Without Removing Unit from Line
- 15 A SPDT Switch Directly Controls Pump
- Easy Screw Terminal Wiring—No Soldering
- NPT Threaded to Pipe Directly In-Line

FSW-30A shown with orifices (6 included), slightly smaller than actual size.

The FSW-30A flow switch is supplied with 6 orifices to provide 6 overlapping flow ranges from 0.12 to 8.0 GPM for water. The FSW-31A is supplied with 3 different drag discs to provide 3 overlapping ranges from 6 to 70 GPM for water. The orifices and drag discs can be changed while the switch is in-line, but not while operating. The FSW-32A operates over the range of 4 to 8 GPM for water.

SPECIFICATIONS

Relay Switch: SPDT 15 A @ 125 or 250 Vac; 10,000,000 operations median

Sensitivity (% flow change required to activate switch): 5% at upper end of flow range, 25% at lower end of flow range

Maximum Temperature/Pressure: 300 psig @ 82°C (180°F)

Minimum Temperature: 4°C (40°F)

Wetted Parts: Red brass, 316 SS, phosphor bronze, Noryl EPDM (and PVC for Models FSW-31A, 32A). Other materials of construction: Brass body, Noryl cover, stainless steel and plastic hardware

Pressure Drop: FSW-30A: 1 to 5 psi; FSW-31A, FSW-32A (4 to 8 GPM range): 2 to 15 psi; all other ranges less than 2 psi

Electrical Cable Fitting: Water resistant for cable diameter 0.250" ±0.025"

Option "D" (dual SPDT relays): Nominal Differential Flow Between the Two Relay Actuation Points: 5%

Dimension: 1.43 H x 125.5 mm W (5.63 x 4.94")

Weight: 1.59 kg (3.5 lb)

To Order

Model No.	Flow Range, GPM	FNPT Connections
FSW-30A	0.12 to 8	½
FSW-31A	6 to 70	1
FSW-32A	4 to 8	1

Comes complete with operator's manual and orifices.
*For flow switches supplied with 2 SPDT relays for DPDT action add suffix **"-D"** to model number, for additional cost.*

***Ordering Examples: FSW-30A-D**, flow switch with flow range of 0.12 to 8.0 GPM (water) and 2 SPDT relays.*

***FSW-31A,** 1" flow switch for 6 to 70 GPM (water).*