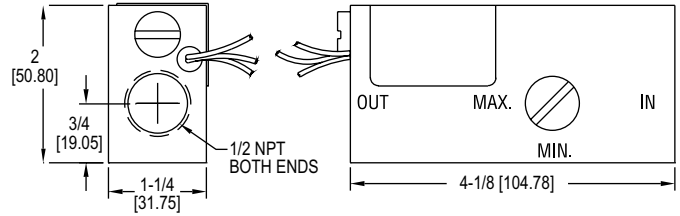


ADJUSTABLE FLOW SWITCH

For Oils, Water and Gases, Infinite Adjustments



The **Series AFS Adjustable Flow Switch** is externally adjustable piston-type flow switches for oils, liquids and gases. This Series offers an infinite number of flow settings from 0.5 to 20 GPM.

BENEFITS/FEATURES

- Externally adjustable flow set point
- Offers a number of flow settings at pressures up to 1000 psig, with low pressure drop and precise repeatability

APPLICATIONS

- Protecting machine tools from coolant flow failure
- Protecting bearings from loss of lubricant
- Assuring proper air flow
- Water or compatible liquid control
- Oil flow control
- Control of gas flows

| MODEL CHART | | | | |
|-------------|---------|-----------------------|-------------|---------|
| Model | Media | Electrical Connection | Piston | Housing |
| AFS-131 | Oil | Wire leads | Brass | Brass |
| AFS-141 | Water | Wire leads | Polysulfone | Brass |
| AFS-151 | Liquids | Wire leads | 316 SS | 316 SS |
| AFS-231 | Gases | Wire leads | Brass | Brass |
| AFS-251 | Gases | Wire leads | 316 SS | 316 SS |
| AFS-132 | Oil | 1/2" NPT conduit | Brass | Brass |
| AFS-142 | Water | 1/2" NPT conduit | Polysulfone | Brass |
| AFS-152 | Liquids | 1/2" NPT conduit | 316 SS | 316 SS |
| AFS-232 | Gases | 1/2" NPT conduit | Brass | Brass |
| AFS-252 | Gases | 1/2" NPT conduit | 316 SS | 316 SS |

SPECIFICATIONS

Service: Compatible gases or liquids.
Wetted Materials: Housing and Piston: See model chart; Spring: 316 SS; O-ring: Fluoroelastomer; Other: Epoxy.
Temperature Limits: -20 to 300°F (-29 to 149°C), -20 to 225°F (-29 to 107.2°C) with polysulfone piston.
Pressure Limit: 1000 psi (68 bar).
Accuracy: ±10% of set point.
Repeatability: ±1% maximum deviation.
Switch Type: SPDT.
Electrical Rating: .17 A @ 120 VAC, .08 A @ 240 VAC, .13 A @ 120 VDC, .06 A @ 240 VDC.
Electrical Connections: 18 AWG, 24" (61 cm), polymeric lead wires, optional 1/2" male NPT conduit connection.
Process Connection: 1/2" female NPT ports.
Mounting Orientation: Any.
Set Point Adjustment: Liquids: 0.5 to 20 GPM (1.9 to 75.7 LPM); Gases: 1.0 to 75 SCFM (28 to 2124 LPM) at 5 psig.
Required Filtration: 50 microns or better.
Weight: 2 lb, 11 oz (1.22 kg).
Agency Approvals: CE.