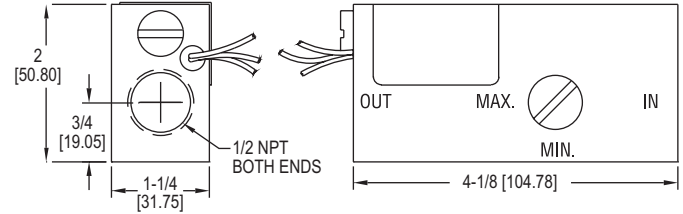


ADJUSTABLE FLOW SWITCH

For Oils, Water and Gases, Infinite Adjustments



Flow Switches,
Shuttle/Piston

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.

FEATURES/BENEFITS

- 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: 316SS; 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 setpoint.
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.

USA: California Proposition 65
 ⚠ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov