## **SERIES AFS 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.

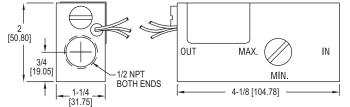
## FEATURES/BENEFITS

- · 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: 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: Anv. 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.