

EZ-VIEW FLOWMETERS

With Adjustable Flow Alarm

B

FL9000-AC Series



The FL9000-AC Series flowmeters are ideal for a wide range of flow monitoring applications. These low-cost flowmeters will install in any position easily. Additional features include an adjustable flow alarm externally mounted on the flowmeter. The flow alarm will automatically open or close AC electrical circuits, activating warning lights, bells, pumps, or other process control equipment.



FL9416-AC shown actual size.

- ✓ Easy to Install, in Any Position
- ✓ No Special Piping or Flow Straighteners Required
- ✓ Automatically Signals Alarm
- ✓ Accuracy $\pm 5\%$ FS
- ✓ Repeatability $\pm 1\%$
- ✓ Direct Reading Scale

SPECIFICATIONS

Wetted Parts: T300 series stainless steel spring, strontium ferrite magnet, Buna O-rings (for units with brass end fittings)

Maximum Pressure: 22.4 bar (325 psig)

Maximum Temperature: 121°C (250°F); relay rated to 70°C (158°F)

Maximum Particle Size: 74 microns

Alarm Relay: Latching relay circuit housed in a sealed polypropylene enclosure. Relay pulls in over 25% of span and drops out above and below that. Includes mating connector.

Relay is field replaceable; rated 1 A @ 30 Vdc (-DC models), 0.5 @ 125 Vac (-AC models), resistive load

Setpoint: Adjustable 0 to 100% FS

Hex Fittings: 38.1 mm (1.5") flats

To Order

Media (Piston Type)	Flow Range (GPM)	Model No. 3/4 and 1 Nominal Brass Sweat Fitting*	Length/Weight	Model No. 1 Male NPT Polysulfone**	Length/Weight	Model No. 3/4 Male NPTF Brass	Length/Weight
Oil (Std Piston)	0.5 to 4 1.0 to 7 1.0 to 10 1.0 to 16 3.0 to 18 4.0 to 28	NOT AVAILABLE	—	FL9104-AC FL9107-AC FL9110-AC FL9116-AC FL9118-AC FL9128-AC	133.3 mm (5.25") 0.09 kg (3.2 oz)	FL9504-AC FL9507-AC FL9510-AC FL9516-AC FL9518-AC FL9528-AC	209.5 mm (8.25") 0.41 kg (14.4oz)
Water (Std Piston)	0.5 to 4 1.0 to 7 1.0 to 10 1.0 to 16 3.0 to 18 4.0 to 28	FL9204-AC FL9207-AC FL9210-AC FL9216-AC FL9218-AC FL9228-AC	196.8 mm (7.75") 0.34 kg (12 oz)	FL9004-AC FL9007-AC FL9010-AC FL9016-AC FL9018-AC FL9028-AC	133.3 mm (5.25") 0.09 kg (3.2 oz)	FL9404-AC FL9407-AC FL9410-AC FL9416-AC FL9418-AC FL9428-AC	209.5 mm (8.25") 0.41 kg (14.4oz)

* Fits 3/4" nominal (7/8" OD) and 1" nominal (1 1/8" OD) type M copper tubing.

** Do not use pipe dope when mounting; use PTFE tape only.

Comes complete with operator's manual.

For units with DC rated relay, replace suffix "-AC" with suffix "-DC", no additional cost.

Ordering Examples: FL9004-AC, EZ-View water flowmeter, 0.5 to 4 GPM, polysulfone fitting.

FL9404-AC, water flowmeter, 0.5 to 4 GPM, brass fitting.