

SF FLOW METER & FLOW SWITCH

Types: SF-M: Instantaneous flow indicator

SF-MA: Instantaneous flow indicator + lower (or upper) microswitch

SF-MAA: Instantaneous flow indicator + lower & upper microswitches

Diameter: 3/8B-12B flanged type, Rc 3/8-Rc 1-1/2 screwed type

Withstanding Pressure: Standard: 1.0 MPa
Special order: 30 MPa

Temperature: Standard: 80°C or less
Special order: 300°C or less

Accuracy: SF-M: ±3% of readings
SF-MA, SF-MAA: ±5% of readings

Contact Capacity:

Microswitches used for contacts are classified into the following three types according to diameter and flow rate:

- 15A : 125, 250 or 480 VAC
- 0.5A: 125 VDC 0.25A: 250 VDC
- 5A : 125 or 250 VAC
- 0.5A: 125 VDC 0.25A: 250 VDC
- 10A : 125 or 250 VAC

Characteristics:

- Most suitable for opaque liquids (oils, etc), high-temperature and high-pressure fluids. No restrictions on flow direction.
- The contact of the SF-MA·MAA standard flow switch is internally variable, but an external variable type can also be manufactured for frequent variations.
- Complete waterproof type (IEC IP67) is also manufactured for outdoor or severe-atmosphere use.

Construction:

Body: FC250, CAC406, SS400, SUS304, SUS316, SUS316L

Main parts: C3604B, SUS304, SUS316, SUS316L

Note

- For use in high vibration places, use vibration-proof type.



SF-MA

SA FLOW METER & FLOW SWITCH

(Proximity switches are used for small flow rate.)

Types: SA-M: Instantaneous flow indicator

SA-MA: Instantaneous flow indicator + lower (or upper) proximity switch contact

SA-MAA: Instantaneous flow indicator + lower & upper proximity switch contacts

Diameter: 3/8B-1B flanged type
Rc 3/8-Rc 1 screwed type

Withstanding Pressure: Standard: 1.0 MPa

Temperature: Standard: 80°C or less
Special order: 300°C or less

Accuracy: ±3% of readings

Contact Capacity: 50 W: 0.5A, 125 VAC
Self-holding proximity switch

Characteristics:

- Most suitable for relatively small flow rates (0-15 L/min in water) of opaque liquids (oils, etc.), high-temperature and high-pressure fluids.
- No restrictions on the flow direction.

Construction:

Body: FC250, CAC406, SS400, SUS304, SUS316, SUS316L

Main parts: C3604B, SUS304, SUS316, SUS316L

Note

- For use in high vibration places, use vibration-proof type.