

For FC and FS Flow Meters Bistable – Normally Open

The LSFLO reed limit switch serves as a switch for minimum and maximum or optional intermediate flow values. The contact is closed as soon as the magnetic float moves up from below or is at the direct height of the switch. When exceeding the switch, the switched condition is maintained. Only when moving down below the switch the switching status will be cancelled.

Features

- Flow range (height position = signal value) optional setting position. Fixed with a dovetail guide clamping piece to the measuring capillary.
- Simple, reliable installation on existing installations, easy to retrofit

TECHNICAL:

Operating Voltage: Max. 230 VAC

Operating Current: Max. 0.5 Amps.

Constant Current when switched: Max. 1 Amps.

Rupturing Capacity: Max. 10 W/10 VA

Forward Resistance: < 150 mΩ

Isolation Resistance: > 10¹⁰ Ω

Operating Temperature: 0°C(32°F) to 55°C(131°F)

Protection: IP 65 (DIN EN 60528)

Hysteresis (switch on and off point): 3 mm

Dimensions: 34 x 17 x 41 mm

Weight (with plug): 40 gm

Trip Line Information: Refer to limit value

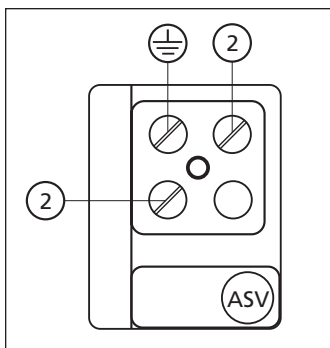
Connections: Polarity of the connections has no influence on the function

INSTALLATION:

Screw clamps are used to fit the LSFLO on the dovetail guide of the flow meter.

Following this, proceed with the wiring according to the diagram.

CONNECTIONS:



START-UP:

Prior to first start-up it is important that the float passes the switch three times in order to release possible monostable behaviour due to longer off period.

ATTENTION:

Do not exceed the current data or the rupturing capacity.