

LSFLO Reed Limit Switch



For FC and FS Flow Meters

The LSFLO limit switches serve as switches for minimum or maximum flow values. The normally open latching reed switch closes when the float in the measuring tube reaches and exceeds the switching position. The switch condition is maintained as long as the float is above the limit switch and will open when the float in the tube drops below the switch.

Normally closed switches are available on request.



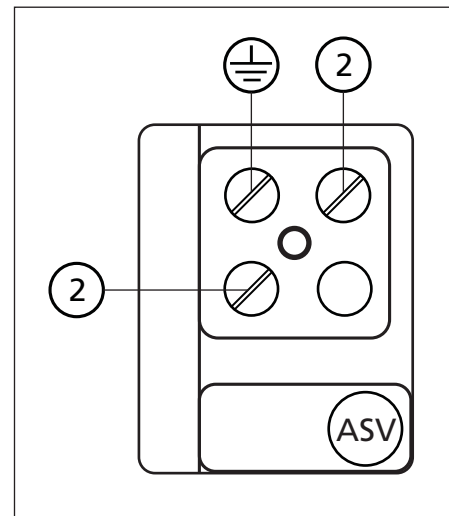
Technical Data

- **Operating voltage:** maximum 230 VAC
- **Operating current:** maximum 0.5 A
- **Constant current when switched:** maximum 1 A
- **Rupturing capacity:** maximum 10 W/10 VA
- **Closed resistance:** < 150 m Ω
- **Open 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
- **Protection:** IP 65 (DIN EN 60528)
- **Dimensions:** 34 x 17 x 41 mm
- **Weight (with plug):** 40 g
- **Connections:** The 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.

CONNECTIONS:



START-UP:

Prior to the first start up it is important that the float passes the LSFLO switch three times to ensure the electronics inside recognize the magnetic field from the floats properly.