



BISTABLE MAGNETIC SWITCHES with REED contact

Magnetic switches are used to advise when a certain level quote is reached. The permanent magnet inside the float activate, during the passage, a bistabile reed contact. The ON/OFF type output signal can be used for minimum/maximum level control, pump activation, valve open/close.

HOW IT WORKS

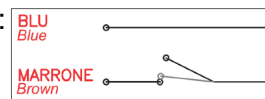
When the level of the fluid reach the switching point, the magnet inside the float close the reed contact. The closed state is maintained until the fluid level go below the switching point. If you need to use the switch as a normally closed (NC) contact, just mount the switch upside down, with the signal cable toward the top, and, with a small magnet, manually close the reed contact.

The switch contains glass parts: do not drop it or hit, as this can cause malfunctioning or permanent damage.

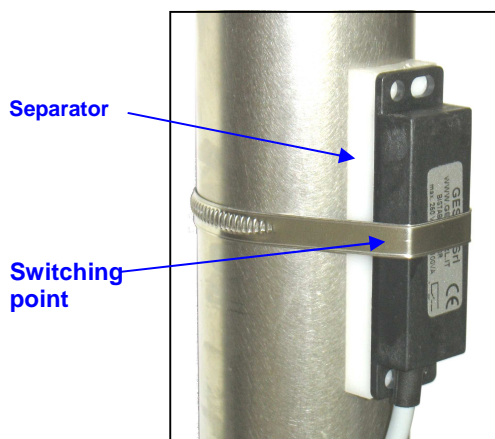
TECHNICAL FEATURES

Contact: Bistable reed SPST
Max frequency: 250 imp/sec
Housing: IP68 Fireproof Nylon-fiberglass
Max power: 100VA
Max current: 3A
Switching hysteresis: ~ 10mm
Cable: PVC 2x0,5mm², L=2mt

Mechanical life: 100.000.000 operations
Repeatability precision: 0,1mm
Max working temperature: -20 ÷ 160°C
Max working tension: 250Vac/dc
Electrical schema:



Mod. B8825R

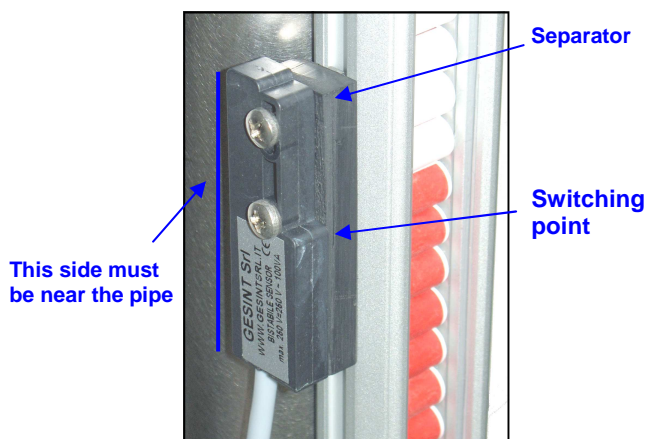


Recommended installation:

Suitable for installation on by-pass pipe, using a stainless steel clamp. Under the switch there is a plastic separator, necessary because of the different strength of the magnet inside the floats.

WARNING: the switch must be installed with the identifying label visible on the outside.

Mod. B6520R



Recommended installation:

Suitable for installation on lateral guide of the BRFE indicator, using the appropriate stainless steel plate and the separator that must be placed between the switch and the indicator. This separator is necessary because of the different strength of the magnet inside the floats.

WARNING: the switch must be installed with the long side near the pipe.



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