



Magnetic switch

M510-1-60/76

Application and function

The magnetic switch is used for indication, control and limitation.

It is a passive component and therefore it can be used in tested intrinsically safe circuits (Ex i, Zone 1).

The magnetic switches are fixed without obscuring the indication. Later add-ons are also possible.

The magnetic switch is continuously adjustable with a fixing screw in the complete indication area. A magnetic system contained within the float actuates the indicating ledge and the switch.

We recommend to use known and accepted RC combinations usual in the trade or a suitable Varistor (e.g. 0,1 mF/100 Ohm) to extend the life of the magnetic switch.

The magnetic switch may not be opened.

Each warranty claim expires if the test seal is damaged.



Technical data

Contact material	Solid silver palladium AgPd7030 hard gold plated AuCo 4-6µm
Unblocking potential U	≤ 250Vac
Current on contact I	≤ 1A
Min. contact load	1W
Protection as per DIN EN 60529	IP 65
Type of contact	bistable
All. operating temperature (Medium)	-60°C bis +400°C *
Connection cable	PTFE- cable for operating temperature > 60°C

*) For operating temperatures (medium) starting from 150°C, never insulate switches

