BERNSTEIN

MAGNETIC SENSORS WITH REED TECHNOLOGY

631.1208.596
Magnetic sensor M8x32 NO monostable

- Reed contact sensor
- Long detecting distance
- Dirt, dust or moisture does not affect the operation
- Detection also through non-magnetic material
- IP65 rated

PRODUCT DESCRIPTION

Reed technology:

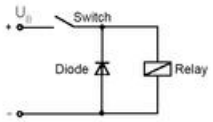
The operation is based on a Reed-relay which consists of a sensitive blades encapsulated in a small glass tube. In the presence of a magnetic field, the blades become magnetically attracted and the circuit is closed. When the magnetic field is removed, the blades return to their default state. Bistable-versions stay in activated once the magnetic field is removed and resets when the magnetic field is brought back again.

Hall technology:

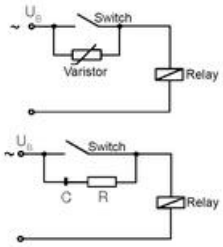
Hall techonology is based on the alteration of a magnetic flux. Electronic Hall sensor has great advantages such as high switching frequency, reliability, immunity to vibration, stability, long service life, high accuracy, fast respond time and long sensing distances. Hall sensors are well applicable for example in rotational speed monitoring and measuring. Detection distance up to 60mm.

Electrical protection:

Reed-relays must be electrically well protected due to their small size and construction. For applications with inductive loads, see the diagram below.



When using AC-loads, use a varsistor or a RC-element in parallel circuit.



SPECIFICATIONS

Sensing	18 mm
Reference Magnet	T62N/S
Output	NO
Material of body	Stainless steel
Voltage Max	250 V
Breaking capacity	10 VA/0,5 A
IP Class	IP67
Temperature range from	-5 °C
Temperature range to	70 °C

Cable length	1 m