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IDEM - HYGIEMAG - SMR-H SWITCH

132009
SMR-H 2M '2NC'



- Stainless steel housing
- Mounting with hexagonal screws
- For demanding food applications
- Switching range 12 mm
- Loads up to 1 A

PRODUCT DESCRIPTION

The HYGIEMAG - SMR-H switch is a magnetic switch made of stainless steel of small size and high tolerance, which is ideally suited for applications in the food and pharmaceutical industries. It allows the switching of currents up to 1 A. This switch has a standard spacing of fixing holes - 22 mm and is resistant to pressure washing. Installation with hexagonal screws makes the circuit breaker more resistant to dirt and is therefore ideal for demanding food applications.

TECHNICAL DATA

Annual usage	8 cycles per hour/24 hours per day/365 days
Approvals	ISO 14119, EN60947-5-1, EN60204-1, ISO 13849-1, EN62061, UL 508
Cable length	2 m
Cable type	PVC 6 core 6mm OD conductors 0.25mm²
Coding	Not coded
Conductor size	0.25 mm²
Contact rating max	250Vac 1.0A
Contacts	2NC
Housing material	Stainless steel 316
Integrated LED indication	No
IP class	IP67, IP69K
Mechanical reliability B10d	3.3 x 10^6 operations at 100mA load
Mounting	2 x M4
MTTFd	470 years
Operating temperature	-25..105°C
PFHd	2.52 x 10^{-8}
PL	e acc. ISO13849-1
Recommended mounting gap	5 mm

SIL	3 acc. EN62061
Switching current min	10Vdc 1mA
Switching distance	Sao 10mm open, Sar 22mm close
Switching frequency max	1.0Hz maximum





