

## IDEM - HYGIEMAG - SMR SWITCH

139022  
SMR 5M '1NC 1NO'



- Stainless steel housing
- Compact dimensions
- Switching range 12 mm
- Loads up to 1 A
- No dedicated controller



### PRODUCT DESCRIPTION

The HYGIEMAG - SMR 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 industry. 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.

### 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	5 m
Cable type	PVC 6 core 6mm OD conductors 0.25mm <sup>2</sup>
Coding	Not coded
Conductor size	0.25 mm <sup>2</sup>
Contact rating max	250Vac 1.0A
Contacts	1NC 1NO
Housing material	Stainless steel 316
Integrated LED indication	No
IP class	IP67, IP69K
Mechanical reliability B10d	3.3 x 10 <sup>6</sup> operations at 100mA load
Mounting	2 x M4

MTTFd	470 years
Operating temperature	-25..105°C
PFHd	$2.52 \times 10^{-8}$
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

