



IDEM - HYGIEMAG SWITCH - LMR

133014
LMR 5M '2NC 1NO'

- Stainless steel housing
- Dimensions 88 mm x 25 mm
- Switching range 12 mm
- Output load up to 1 A
- No dedicated controller



Product description

The HYGIEMAG switch - LMR is a magnetic switch made of stainless steel with a narrow and flat profile and high tolerance, which is ideally suited for applications in the food and pharmaceutical industry. It allows switching currents up to 1 A. The switch is resistant to pressure washing.

Specifications

Annual usage	8 cycles per hour/24 hours per day/365 days
Approvals	ISO 13849-1, ISO 14119, EN60204-1, EN62061, EN60947-5-1, UL 508
Cable length	5 m
Cable type	PVC 6 core 6mm OD conductors 0.25²
Central Material	Stainless steel 316
Coding	Not coded
Conductor size	0.25
Contact rating max	250Vac 1.0A
Contacts	2NC 1NO
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
SIL	3 acc. EN62061
Switching current min	10Vdc 1mA
Switching distance	Sao 10mm open, Sar 22mm close
Switching frequency max	1.0Hz maximum

