

## IDEM - HYGIEMAG SWITCH - LMR

133009  
LMR 2M '2NC'



- 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

<b>Annual usage</b>	8 cycles per hour/24 hours per day/365 days
<b>Approvals</b>	ISO 13849-1, ISO 14119, EN60204-1, EN62061, EN60947-5-1, UL 508
<b>Cable length</b>	2
<b>Cable type</b>	PVC 6 core 6mm OD conductors 0.25 <sup>2</sup>
<b>Coding</b>	Not coded
<b>Conductor size</b>	0,25
<b>Contact rating max</b>	250Vac 1.0A
<b>Contacts</b>	2NC
<b>IP Class</b>	IP67, IP69K
<b>Mechanical reliability B10d</b>	3.3 x 10 <sup>6</sup> operations at 100mA load
<b>Mounting</b>	2 x M4
<b>MTTFd</b>	470 years
<b>Operating temperature</b>	-25..105°C
<b>PFHd</b>	2.52 x 10 <sup>-8</sup>
<b>PL</b>	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

