

## IDEM - HYGIEMAG SWITCH - CMR

138017  
 CMR 2M '2NC'

- Stainless steel housing
- Narrow housing 20 mm
- Switching range 12 mm
- Output load to 2 A
- No dedicated controller



### PRODUCT DESCRIPTION

The HYGIEMAG switch - CMR is a magnetic switch made of high tolerance stainless steel, which is ideally suited for applications in the food and pharmaceutical industry. It allows to switch currents, depending on the model, to 1 A or 2 A. The slim switch housing - 20 mm gives the possibility of mounting in applications with a limited space for mounting. The switch is resistant to pressure washing.

### TECHNICAL DATA

<b>Annual usage</b>	8 cycles per hour/24 hours per day/365days
<b>Approvals</b>	ISO 13849-1, ISO 14119, EN60204-1, EN62061, EN60947-5-1, UL 508
<b>Cable length</b>	2 m
<b>Cable type</b>	PVC 6 or 8 core 6mm OD conductors 0.25mm <sup>2</sup>
<b>Coding</b>	Not coded
<b>Conductor size</b>	0.25 mm <sup>2</sup>
<b>Contact rating max</b>	250Vac 1.0A
<b>Contacts</b>	2NC
<b>Housing material</b>	Stainless steel 316
<b>Integrated LED indication</b>	No
<b>IP class</b>	IP69K, IP67
<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 mm
SIL	3 acc. EN62061
Switching current min	10Vdc 1mA
Switching distance	Sao 10mm close, Sar 22mm open
Switching frequency max	1.0Hz maximum

