



## IDEM - HYGIEMAG SWITCH - CMR-F

135017  
CMR-F 2M '2NC'

- Stainless steel housing
- Mounting screws from the bottom
- For demanding food applications
- Switching range 12 mm
- Output load to 2 A



### Product description

The HYGIEMAG switch - CMR-F 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. Mounting screws from the bottom makes the switch ideal for demanding food applications.

### Specifications

<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
<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
<b>Contact rating max</b>	250Vac 1.0A
<b>Contacts</b>	2NC
<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>	$2.52 \times 10^{-8}$
<b>PL</b>	e acc. ISO13849-1
<b>Recommended mounting gap</b>	5
<b>SIL</b>	3 acc. EN62061
<b>Switching current min</b>	10Vdc 1mA
<b>Switching distance</b>	Sao 10mm close, Sar 22mm open
<b>Switching frequency max</b>	1.0Hz maximum

