



## IDEM - HYGIEMAG SWITCH - CMR-F

135131

CMR-F 2M '3NC'

- 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.

### TECHNICAL DATA

Annual usage	8 cycles per hour/24 hours per day/365days
Approvals	ISO 13849-1, ISO 14119, EN60204-1, EN62061, EN60947-5-1, UL 508
Cable length	2 m
Cable type	PVC 6 or 8 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	3NC
Housing material	Stainless steel 316
Integrated LED indication	No
IP class	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
<b>Recommended mounting gap</b>	5 mm
<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

