



# IDEM - HYGIEMAG SWITCH - CMR

138023  
CMR 10M '2NC 1NO'

- 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.

## Specifications

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	10 m
Cable type	PVC 6 or 8 core 6mm OD conductors 0.25mm²
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	IP69K, IP67
Mechanical reliability B10d	3.3 x 10 <sup>8</sup> operations at 100mA load
Mounting	2 x M4
MTTFd	470 years
Operating temperature	-25..105°C
PFHd	2.52 x 10 <sup>-8</sup>
PL	e acc. ISO13849-1
Recommended mounting gap	5
SIL	3 acc. EN62061
Switching current min	10Vdc 1mA
Switching distance	Sao 10mm close, Sar 22mm open
Switching frequency max	1.0Hz maximum

