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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.

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 0.25mm²
Coding	Not coded
Conductor size	0.25 mm²
Contact rating max	250Vac 1.0A
Contacts	2NC
Housing material	Stainless steel 316
Integrated LED indication	No
IP class	IP69K, IP67
Mechanical reliability B10d	3.3 x 10^6 operations at 100mA load
Mounting	2 x M4
MTTFd	470 years
Operating temperature	-25..105°C
PFHd	2.52 x 10^{-8}
PL	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



