



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

| | |
|---------------------------|---|
| 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 ² |
| Coding | Not coded |
| Conductor size | 0.25 mm ² |
| 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 ⁸ 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 |

