



## 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 <sup>2</sup>           |
| Coding                    | Not coded   |
| Conductor size            | 0,25 mm <sup>2</sup>  |
| 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 <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 mm   |
| SIL                         | 3 acc. EN62061                                 |
| Switching current min       | 10Vdc 1mA                                      |
| Switching distance          | Sao 10mm close, Sar 22mm open                  |
| Switching frequency max     | 1.0Hz maximum                                  |

