



## IDEM - HYGIEMAG - SMR SWITCH

139009  
SMR 2M '2NC'

- Stainless steel housing
- Compact dimensions
- Switching range 12 mm
- Loads up to 1 A
- No dedicated controller



### Product description

The HYGIEMAG - SMR switch is a magnetic switch made of stainless steel of small size and high tolerance, which is ideally suited for applications in the food and pharmaceutical industry. It allows the switching of currents up to 1 A. This switch has a standard spacing of fixing holes - 22 mm and is resistant to pressure washing.

### Specifications

|                                    |   |
|------------------------------------|---|
| <b>Annual usage</b>                | 8 cycles per hour/24 hours per day/365 days                     |
| <b>Approvals</b>                   | ISO 14119, EN60947-5-1, EN60204-1, ISO 13849-1, EN62061, UL 508 |
| <b>Cable length</b>                | 2   |
| <b>Cable type</b>                  | PVC 6 core 6mm OD conductors 0.25mm <sup>2</sup>                |
| <b>Coding</b>                      | Not coded   |
| <b>Conductor size</b>              | 0,25  |
| <b>Contact rating max</b>          | 250Vac 1.0A   |
| <b>Contacts</b>                    | 2NC   |
| <b>IP Class</b>                    | IP67, IP69K   |
| <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  |

|                          |                               |
|--------------------------|-------------------------------|
| 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 open, Sar 22mm close |
| Switching frequency max  | 1.0Hz maximum                 |

