



# IDEM - HYGIEMAG - SMR SWITCH

139016  
SMR QC M12 8way '2NC 1NO'

- 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

|                             |   |
|-----------------------------|---|
| Annual usage                | 8 cycles per hour/24 hours per day/365 days                     |
| Approvals                   | ISO 14119, EN60947-5-1, EN60204-1, ISO 13849-1, EN62061, UL 508 |
| Cable length                | 0.25 m  |
| Cable type                  | PVC 6 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                    | IP67, IP69K   |
| Mechanical reliability B10d | 3.3 x 10⁶ operations at 100mA load                              |
| Mounting                    | 2 x M4  |

|                          |                               |
|--------------------------|-------------------------------|
| MTTFd                    | 470 years                     |
| Operating temperature    | -25..105°C                    |
| PFHd                     | $2.52 \times 10^{-8}$         |
| 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                 |

