



# IDEM - HYGIEMAG SWITCH - WMR

136011  
WMR 10M '1NC 1NO'

- Stainless steel housing
- High tolerance for misalignment
- Switching range - 12 mm
- Activation from the front
- Output load to 2 A



## Product description

HYGIEMAG switch - WMR is a magnetic switch made of high tolerance stainless steel, which is ideally suited for applications in the food and pharmaceutical industries. It allows to switch currents up to 2 A. The reinforced 32 mm wide switch housing makes it suitable for demanding applications. The switch is resistant to pressure washing

## Specifications

|                             |   |
|-----------------------------|---|
| 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                | 10 m  |
| Cable type                  | PVC 6 core 6mm OD conductors 0.25mm <sup>2</sup>                |
| Central Material            | Stainless steel 316   |
| Coding                      | Not coded   |
| Conductor size              | 0.25  |
| Contact rating max          | 250Vac 2.0A   |
| Contacts                    | 1NC 1NO   |
| 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                     | $2.52 \times 10^{-8}$         |
| PL                       | e acc. ISO13849-1             |
| Recommended mounting gap | 5                             |
| SIL                      | 3 acc. EN62061                |
| Switching current min    | 10Vdc 1mA                     |
| Switching distance       | Sao 10mm close, Sar 22mm open |
| Switching frequency max  | 1.0Hz maximum                 |

