



IDEM - HYGIEMAG SWITCH - LMR

133013
LMR 2M '2NC 1NO'

- Stainless steel housing
- Dimensions 88 mm x 25 mm
- Switching range 12 mm
- Output load up to 1 A
- No dedicated controller



Product description

The HYGIEMAG switch - LMR is a magnetic switch made of stainless steel with a narrow and flat profile and high tolerance, which is ideally suited for applications in the food and pharmaceutical industry. It allows switching currents up to 1 A. The switch is resistant to pressure washing.

Specifications

| | |
|-----------------------------|-----------------------------------------------------------------|
| Annual usage | 8 cycles per hour/24 hours per day/365 days |
| Approvals | ISO 13849-1, ISO 14119, EN60204-1, EN62061, EN60947-5-1, UL 508 |
| Cable length | 2 m |
| Cable type | PVC 6 core 6mm OD conductors 0.25² |
| 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 x 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 |

