



IDEM - HYGIEMAG - SMR-F SWITCH

132020

SMR-F QC M12 8way '1NC'

- Stainless steel housing
- Mounting screws from the bottom
- For demanding food applications
- Switching range 12 mm
- Output load up to 1 A



PRODUCT DESCRIPTION

The HYGIEMAG - SMR-F 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. Mounting screws from the bottom makes the switch ideal for demanding food applications.

TECHNICAL DATA

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|---------------------------|---|
| 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 0.25mm ² |
| Coding | Not coded |
| Conductor size | 0.25 mm ² |
| Contact rating max | 250Vac 1.0A |
| Contacts | 1NC |
| Housing material | Stainless steel 316 |
| Integrated LED indication | No |
| IP class | IP67, IP69K |

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|-----------------------------|--|
| Mechanical reliability B10d | 3.3 x 10 ⁶ 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 mm |
| SIL | 3 acc. EN62061 |
| Switching current min | 10Vdc 1mA |
| Switching distance | Sao 10mm open, Sar 22mm close |
| Switching frequency max | 1.0Hz maximum |

