



# IDEM - NON-CONTACT SAFETY SWITCH SMC-H

132006  
SMC-H 5M '2NC 1NO' with LED

- Stainless steel housing
- Mounting with hexagonal screws
- For demanding food applications
- Switching range - 14 mm
- No dedicated controller



### Product description

A coded magnetic switch made of stainless steel with a small size and high tolerance, which is ideally suited for applications in the food and pharmaceutical industries. The switch has a standard spacing of fixing holes - 22 mm and is resistant to pressure washing. Installation with hexagonal screws makes the circuit breaker more resistant to dirt and is therefore ideal for demanding food applications.

### Specifications

|                           |   |
|---------------------------|---|
| Approvals                 | ISO 14119, EN60947-5-1, EN60204-1, ISO 13849-1, EN62061, UL 508 |
| Cable length              | 5 m   |
| Cable type                | PVC 6 or 8 core 6mm OD Conductors 0.25mm <sup>2</sup>           |
| Central Material          | Stainless steel 316   |
| Coding                    | Coded magnetic actuation  |
| Conductor size            | 0.25  |
| Contact rating max        | 24Vdc 0.2A  |
| Contacts                  | 2NC 1NO   |
| Integrated LED indication | Yes   |
| IP Class                  | IP69K, IP67   |
| Mounting                  | 2 x M4  |
| MTTFd                     | 866 years   |

|                          |                               |
|--------------------------|-------------------------------|
| Operating temperature    | -25°C ... +105°C              |
| PFHd                     | 8.71 X 10 <sup>-11</sup>      |
| PL                       | e acc. ISO13849-1             |
| Recommended mounting gap | 5                             |
| SIL                      | 3 acc. EN62061                |
| Switching current min    | 10Vdc 1mA                     |
| Switching distance       | Sao 10mm close, Sar 20mm open |
| Switching frequency max  | 1.0Hz maximum                 |

