



## IDEM - NON-CONTACT SAFETY SWITCH CMC

138107  
CMC 10M '3NC' with LED

- Stainless steel housing
- Narrow housing 20 mm
- Switching range - 14 mm
- LED indicator
- No dedicated controller



### PRODUCT DESCRIPTION

Coded magnetic switch made of high tolerance stainless steel, which is ideally suited for applications in the food and pharmaceutical industries. The narrow housing of the switch - 20 mm gives the possibility of mounting in applications with a limited space for fixing. The switch is resistant to pressure washing.

### TECHNICAL DATA

|                           |   |
|---------------------------|---|
| Approvals                 | ISO 13849-1, ISO 14119, EN60204-1, EN62061, EN60947-5-1, UL 508 |
| Cable length              | 10 m  |
| Cable type                | PVC 6 or 8 core 6mm OD Conductors 0.25mm <sup>2</sup>           |
| Coding                    | Coded magnetic actuation  |
| Conductor size            | 0.25 mm <sup>2</sup>  |
| Contact rating max        | 24Vdc 0.2A  |
| Contacts                  | 3NC   |
| Housing material          | Stainless steel 316   |
| Integrated LED indication | Yes   |
| IP class                  | IP69K, IP67   |
| Mounting                  | 2 x M4  |

|                          |                               |
|--------------------------|-------------------------------|
| MTTFd                    | 866 years                     |
| Operating temperature    | -25°C ... +105°C              |
| PFHd                     | $8.71 \times 10^{-11}$        |
| PL                       | e acc. ISO13849-1             |
| Recommended mounting gap | 5 mm                          |
| SIL                      | 3 acc. EN62061                |
| Switching current min    | 10Vdc 1mA                     |
| Switching distance       | Sao 10mm close, Sar 20mm open |
| Switching frequency max  | 1.0Hz maximum                 |

