



## IDEM - NON-CONTACT SAFETY SWITCH LMC

133006

LMC 5M '2NC 1NO' with LED

- Stainless steel housing
- Dimensions 88 mm x 25 mm
- Switching range - 14 mm
- Available with built-in magnetic hold
- No dedicated controller



### PRODUCT DESCRIPTION

Coded 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 industries. The switch is resistant to pressure washing. It is also available in a version with magnetic grip.

### TECHNICAL DATA

|                           |   |
|---------------------------|---|
| 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>           |
| Coding                    | Coded magnetic actuation  |
| Conductor size            | 0.25 mm <sup>2</sup>  |
| Contact rating max        | 24Vdc 0.2A  |
| Contacts                  | 2NC 1NO   |
| Housing material          | Stainless steel 316   |
| Integrated LED indication | Yes   |
| IP class                  | IP69K, IP67   |
| Mounting                  | 2 x M4  |
| MTTFd                     | 866 years   |
| Operating temperature     | -25..105°C  |
| PFHd                      | 8.71 x 10 <sup>-11</sup>  |

|                          |                               |
|--------------------------|-------------------------------|
| 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                 |

