



## IDEM - NON-CONTACT SAFETY SWITCH SMC

139001  
SMC 2M '2NC' with LED

- Stainless steel housing
- Compact dimensions
- Switching range - 14 mm
- LED indicator
- 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.

### TECHNICAL DATA

<b>Approvals</b>	ISO 14119, EN60947-5-1, EN60204-1, ISO 13849-1, EN62061, UL 508
<b>Cable length</b>	2 m
<b>Cable type</b>	PVC 6 or 8 core 6mm OD Conductors 0.25mm <sup>2</sup>
<b>Coding</b>	Coded magnetic actuation
<b>Conductor size</b>	0,25 mm <sup>2</sup>
<b>Contact rating max</b>	24Vdc 0.2A
<b>Contacts</b>	2NC
<b>Housing material</b>	Stainless steel 316
<b>Integrated LED indication</b>	Yes
<b>IP class</b>	IP69K, IP67
<b>Mounting</b>	2 x M4
<b>MTTFd</b>	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 mm
SIL	3 acc. EN62061
Switching current min	10Vdc 1mA
Switching distance	Sao 10mm close, Sar 20mm open
Switching frequency max	1.0Hz maximum

