



## IDEM - NON-CONTACT SAFETY SWITCH SMC-F

137001  
SMC-F 2M '2NC' with LED



- Stainless steel housing
- Mounting screws from the bottom
- 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. Mounting screws from the bottom makes the switch ideal for demanding food applications.

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

