



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

137008

SMC-F QC M12 8way '2NC 1NO' 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.

### Specifications

<b>Activation Distance</b>	14
<b>Approvals</b>	ISO 13849-1, ISO 14119, EN60204-1, EN62061, EN60947-5-1, CE, cULus, TÜV, UL 508
<b>Cable length</b>	0.25 m
<b>Cable type</b>	PVC 6 or 8 core 6mm OD Conductors 0.25mm <sup>2</sup>
<b>Central Material</b>	Stainless steel 316
<b>Coding</b>	Coded magnetic actuation
<b>Conductor size</b>	0.25
<b>Contact rating max</b>	24Vdc 0.2A
<b>Contacts</b>	2NC 1NO
<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°C - 105°C
<b>PFHd</b>	8.71 X 10 <sup>-11</sup>
<b>PL</b>	up to PLe acc. ISO13849-1
<b>Recommended mounting gap</b>	5
<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

