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.

TECHNICAL DATA

Approvals	ISO 13849-1, ISO 14119, EN60204-1, EN62061, EN60947-5-1, CE, cULus, TÜV, UL 508
Cable length	0,25 m
Cable type	PVC 6 or 8 core 6mm OD Conductors 0.25mm²
Coding	Coded magnetic actuation
Conductor size	0,25 mm²
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°C - 105°C
PFHd	8.71×10^{-11}
PL	up to PLe acc. ISO13849-1
Recommended mounting gap	5 mm
Switching current min	10Vdc 1mA
Switching distance	Sao 10mm close, Sar 20mm open
Switching distance	14 mm
Switching frequency max	1.0Hz maximum