

## IDEM - NON-CONTACT RFID LMF-SS SWITCHES

406003  
LMF Unique 10M

- Switching range - 14 mm
- RFID - coding
- No dedicated controller
- LED indicator
- Stainless steel housing



### PRODUCT DESCRIPTION

Non-contact RFID switch LMF-SS made of stainless steel with a narrow and flat profile and high tolerance, which is ideally suited for applications in the food industry. The switch is resistant to pressure washing.

The LMF-SS switch with RFID has 2NC 1NO semiconductor outputs.

### TECHNICAL DATA

<b>Approvals</b>	ISO 13849-1, EN60947-5-3, ISO 14119, EN60204-1, EN62061, UL 508
<b>Cable length</b>	10 m
<b>Cable type</b>	PVC 6 or 8 core 6mm OD conductors 0.25mm <sup>2</sup>
<b>Coding</b>	Uniquely coded
<b>Conductor size</b>	0.25 mm <sup>2</sup>
<b>Contact rating max</b>	24Vdc 0.2A
<b>Contacts</b>	2NC 1NO
<b>Housing material</b>	Stainless steel 316
<b>Integrated LED indication</b>	Yes
<b>IP class</b>	IP69K, IP67
<b>Mechanical reliability B10d</b>	No mechanical parts implemented
<b>Mounting</b>	2 x M4

MTTFd	1100a
Operating temperature	-25°C ... +80°C
PL	e acc. ISO13849-1
Recommended mounting gap	5 mm
Safety category	4
SIL	3 acc. IEC62061
Switching current min	10Vdc 1mA
Switching distance	Sao 8mm close, Sar 20mm open
Switching frequency max	1.0Hz maximum

