



## IDEM - NON-CONTACT RFID SWITCHES LPF

404001  
LPF-U-RFID 2M

- Switching range - 14 mm
- RFID - coding
- No dedicated controller
- LED indicator
- Dimensions 88 mm x 25 mm



### PRODUCT DESCRIPTION

Non-contact switch LPF with RFID made of plastic (polyester) with high tolerance, which is suitable for all industrial applications. The switch is resistant to pressure washing. LPF with RFID has IP69K protection.

The LPF switch with RFID has 2NC 1NO semiconductor outputs.

### TECHNICAL DATA

<b>Approvals</b>	ISO 13849-1, ISO 14119, EN60204-1, EN62061, EN60947-5-3, UL 508
<b>Cable length</b>	2 m
<b>Cable type</b>	PVC 6 or 8 core 6mm OD conductors a 0.25 <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>Contact type</b>	2NC safety outputs shorts circuit protected, 1NO auxiliary output for indication of door open
<b>Contacts</b>	2NC 1NO
<b>Housing material</b>	Polyester
<b>Integrated LED indication</b>	Yes
<b>IP class</b>	IP67
<b>Mechanical reliability B10d</b>	No mechanical parts implemented

Mounting	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 10mm close, Sar 20mm open
Switching frequency max	1.0Hz maximum

