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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

Approvals	ISO 13849-1, ISO 14119, EN60204-1, EN62061, EN60947-5-3, UL 508
Cable length	2 m
Cable type	PVC 6 or 8 core 6mm OD conductorsa 0.25²
Coding	Uniquely coded
Conductor size	0.25 mm²
Contact rating max	24Vdc 0.2A
Contact type	2NC safety outputs shorts circuit protected, 1NO auxiliary output for indication of door open
Contacts	2NC 1NO
Housing material	Polyester
Integrated LED indication	Yes
IP class	IP67
Mechanical reliability B10d	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















