

## IDEM - KPF RFID NON-CONTACT SWITCHES

408101  
KPF Master End Pre-wired 5M



- Switching range - 14 mm
- RFID - coding
- No dedicated controller
- LED indicator
- Dimensions 52 mm x 98 mm



### PRODUCT DESCRIPTION

Non-contact switch KPF with RFID, made of plastic (polyester), industrial size 52 mm x 98 mm and high tolerance, which is suitable for applications on hinged, sliding or removable doors. The switch has a standard distance between the fixing holes - 40 mm and is particularly useful when it is difficult to align the cover during the use of key switches and in the case of the required long service life of the device (no moving or touching parts).

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

### TECHNICAL DATA

Approvals	ISO 13849-1, ISO 14119, EN60204-1, EN62061, EN60947-5-1, UL 508
Cable length	5 m
Cable type	PVC 6 or 8 core 6mm OD conductors 0.25mm <sup>2</sup>
Coding	Master coded
Conductor size	0.25 mm <sup>2</sup>
Contact rating max	24Vdc 0.2A
Contact type	2NC 1NO semi conductor outputs for connection to safety relay
Contacts	2NC 1NO
Housing material	Polyester
Integrated LED indication	Yes
IP class	IP67, IP69K

<b>Mechanical reliability B10d</b>	No mechanical parts implemented
<b>Mounting</b>	2 x M5
<b>MTTFd</b>	1100a
<b>Operating temperature</b>	-25°C ... +55°C
<b>PL</b>	e acc. ISO13849-1
<b>Recommended mounting gap</b>	5 mm
<b>Safety category</b>	4
<b>SIL</b>	3 acc. IEC62061
<b>Switching current min</b>	10Vdc 1mA
<b>Switching distance</b>	Sao 8mm close, Sar 20mm open
<b>Switching frequency max</b>	1.0Hz maximum

