



# IDEM - KPF RFID NON-CONTACT SWITCHES

408002  
KPF Unique End Pre-wired 10M

- 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.

### Specifications

|                             |                                                                 |
|-----------------------------|-----------------------------------------------------------------|
| Approvals                   | ISO 13849-1, ISO 14119, EN60204-1, EN62061, EN60947-5-1, UL 508 |
| Cable length                | 10 m                                                            |
| Cable type                  | PVC 6 or 8 core 6mm OD conductors 0.25mm <sup>2</sup>           |
| Central Material            | Polyester                                                       |
| Coding                      | Uniquely coded                                                  |
| Conductor size              | 0.25                                                            |
| Contact rating max          | 24Vdc 0.2A                                                      |
| Contact Type                | 2NC 1NO semi conductor outputs for connection to safety relay   |
| Contacts                    | 2NC 1NO                                                         |
| Integrated LED indication   | Yes                                                             |
| IP Class                    | IP67, IP69K                                                     |
| Mechanical reliability B10d | No mechanical parts implemented                                 |

|                          |                              |
|--------------------------|------------------------------|
| Mounting                 | 2 x M5                       |
| MTTFd                    | 1100a                        |
| Operating temperature    | -25°C ... +55°C              |
| PL                       | e acc. ISO13849-1            |
| Recommended mounting gap | 5                            |
| 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                |

