**OEM AUTOMATIC**

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# IDEM - NON-CONTACT RFID SWITCHES
# WPF

407104
WPF Master QC M12

- Switching range - 14 mm
- RFID - coding
- No dedicated controller
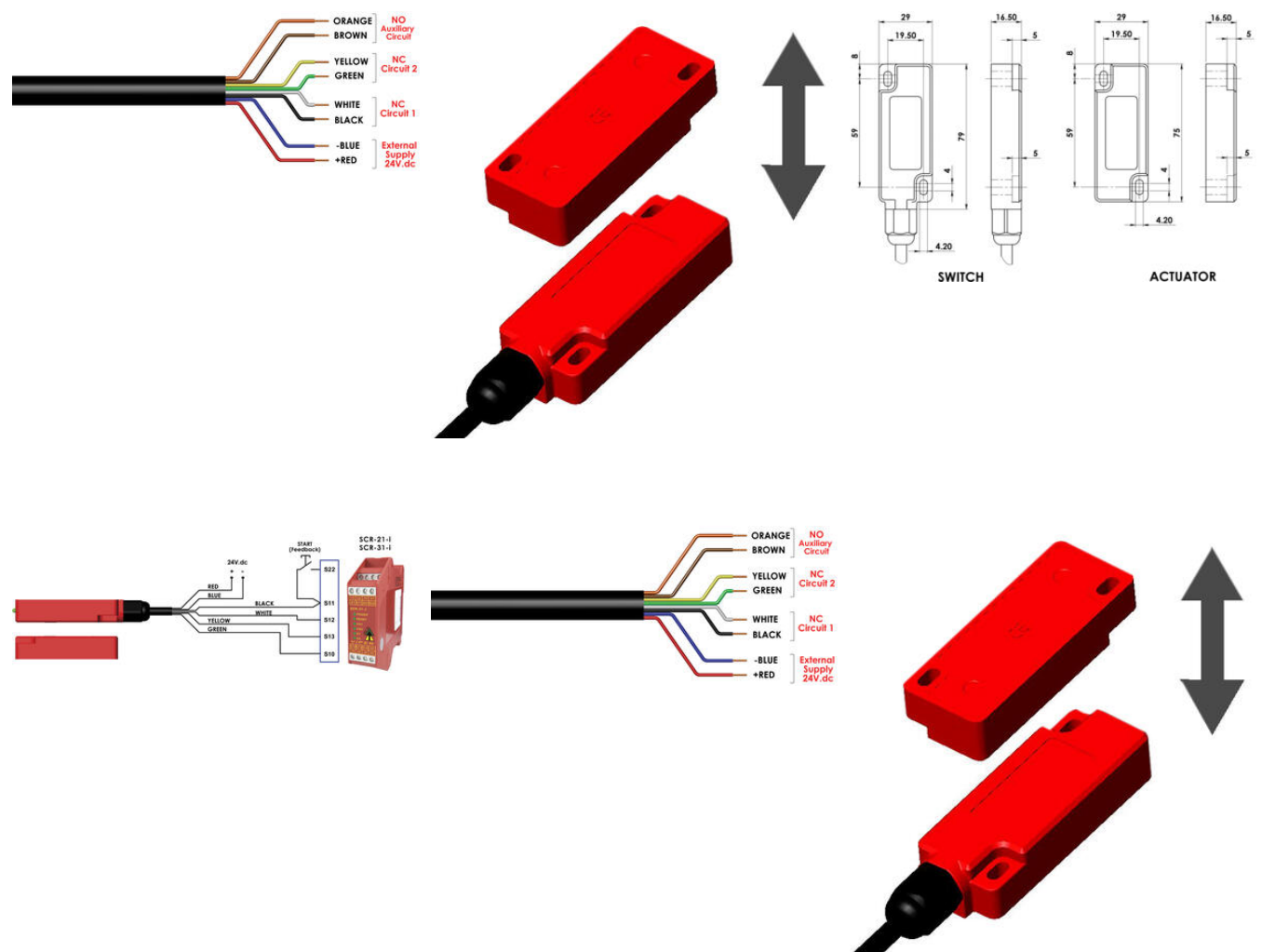- LED indicator
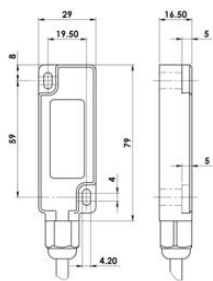- Dimensions 29 mm x 79 mm

## PRODUCT DESCRIPTION

Non-contact switch WPF with RFID made of plastic (polyester) with high tolerance, which is suitable for all industrial applications. The switch has a robust housing with dimensions of 29 mm x 79 mm. WPF with RFID has IP69K protection.
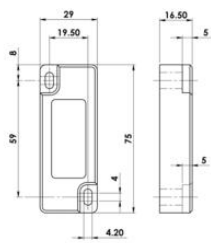The WPF switch with RFID has 2NC 1NO semiconductor outputs.

## TECHNICAL DATA

| | |
|---|---|
| **Approvals** | ISO 13849-1, ISO 14119, EN60204-1, EN62061, EN60947-5-3, UL 508 |
| **Cable length** | 0.25 m |
| **Cable type** | PVC 6 or 8 core 6mm OD conductors 0.25mm² |
| **Coding** | Master coded |
| **Conductor size** | 0.25 mm² |
| **Contact rating max** | 24Vdc 0.2A |
| **Contact type** | 2NC 1NO contacts - high switching life - no moving parts |
| **Contacts** | 2NC 1NO |
| **Housing material** | Polyester |
| **Integrated LED indication** | Yes |

| IP class | IP67, IP69K |
|---|---|
| Mechanical reliability B10d | No mechanical parts implemented |
| Mounting | 2 x M4 |
| MTTFd | 1100a |
| Operating temperature | -25°C ... +55°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 |

SWITCH



ACTUATOR