



## IDEM - NON-CONTACT RFID SWITCHES WPF

407002  
WPF Unique 5M

- 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

<b>Approvals</b>	ISO 13849-1, ISO 14119, EN60204-1, EN62061, EN60947-5-3, UL 508
<b>Cable length</b>	5 m
<b>Cable type</b>	PVC 6 or 8 core 6mm OD conductors 0.25mm <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 1NO contacts - high switching life - no moving parts
<b>Contacts</b>	2NC 1NO
<b>Housing material</b>	Polyester
<b>Integrated LED indication</b>	Yes

<b>IP class</b>	IP67, IP69K
<b>Mechanical reliability B10d</b>	No mechanical parts implemented
<b>Mounting</b>	2 x M4
<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

