

## IDEM - IDEMAG SWITCH - RPR

116013  
RPR 2M '2NC 1NO'



- Cylindrical M30 housing
- Easy assembly and adjustment
- Switching range - 10mm
- Exit load up to 0.5 A
- No dedicated controller



### Product description

IDEMAG switch - RPR is a magnetic switch made of polyester with a cylindrical M30 housing. The switch is suitable for all industrial applications. It allows switching currents up to 0.5 A. The threaded housing, 45 mm long, facilitates assembly and adjustment. The switch is resistant to pressure washing.

### Specifications

<b>Annual usage</b>	8 cycles per hour/24 hours per day/365 days
<b>Approvals</b>	ISO 13849-1, EN60947-5-1, ISO 14119, EN60204-1, EN62061, UL 508
<b>Cable length</b>	2
<b>Cable type</b>	PVC 6 core 6mm OD conductors 0.25mm <sup>2</sup>
<b>Coding</b>	Not coded
<b>Conductor size</b>	0,25
<b>Contact rating max</b>	24Vdc 0.5A
<b>Contacts</b>	2NC 1NO
<b>IP Class</b>	IP69K, IP67
<b>Mechanical reliability B10d</b>	3.3 x 10 <sup>6</sup> operations at 100mA load
<b>MTTFd</b>	470 years
<b>Operating temperature</b>	-25..80°C
<b>PFHd</b>	2.52 x 10 <sup>-8</sup>
<b>PL</b>	e acc. ISO13849-1

<b>Recommended mounting gap</b>	5
<b>SIL</b>	3 acc. EN62061
<b>Switching current min</b>	10Vdc 1mA
<b>Switching distance</b>	Sao 10mm close, Sar 20mm open
<b>Switching frequency max</b>	1.0Hz maximum

