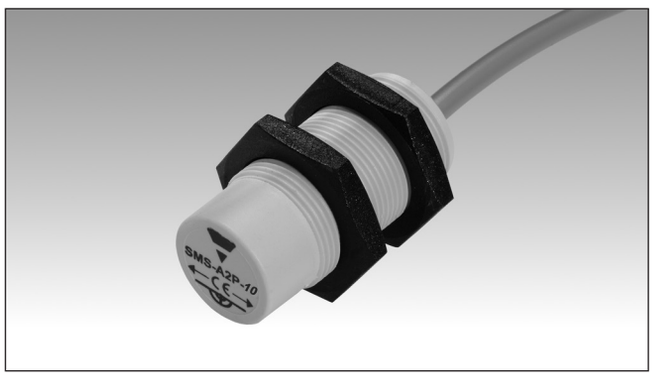
Safety Magnetic Sensors
Cylindrical Safety Magnetic Sensors
Type SMSA2P10



- **Suitable for applications in safety category 3 in accordance with EN ISO13849-1:2015 when connected to appropriate safety devices**
- **1 NO output**
- **Cable output connection**
- **Cylindrical housing**
- **Multiple flux coding**
- **In compliance with CEI EN 60947-5-3:2000**

Product Description

The SMSA2P10 is designed EN ISO 12100:2010, EN 60204-1 and EN 1088. It is characterized by multiple flux coding and is suited for applications up safety Category 3 in accordance with EN ISO13849-1:2015 when connected to appropriate safety devices.

Ordering Key

SMS A2 P 10

- **Safety magnetic sensor**
- **Diameter**
- **Case material**
- **Contact type**

Type Selection

Output	Operating distance	Safety category	Item code
1 NO	16 mm	3	**SMS A2 P 10**

Output Specifications

Output	Category 3 (EN ISO13849-1:2015) 1 NO
Output connection	Cable (PVC, AWG 22, L = 2 m, 2 x 0.35 mm^2)
Contact ratings	
Max Switching Voltage	100 VAC
Max Switching Current	0.25 A
Max Switching Power	5 VA

General Specifications

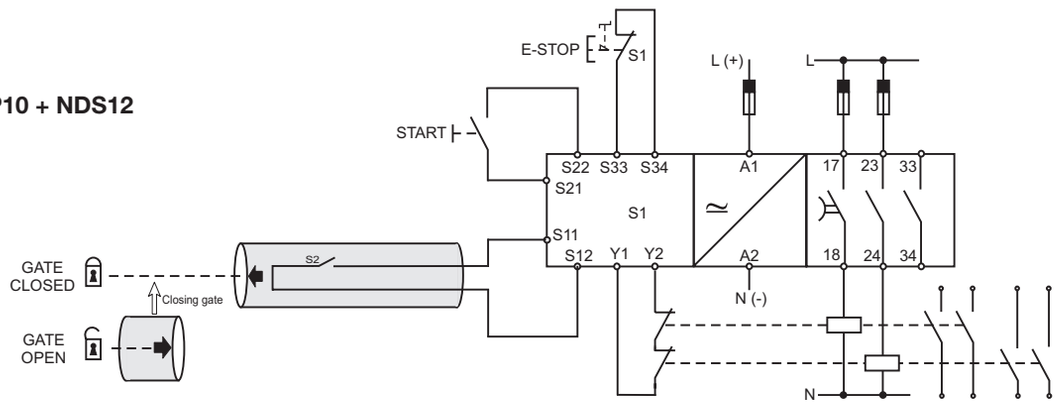
Operating distance ON	16 ± 5 mm
Release distance OFF	20 ± 6 mm
Reset distance	20 ± 6 mm
Suitable magnetic unit	CLSA2
Misalignment	max ± 2 mm
Housing	
Dimensions	M18x1
Material	PBT + 30% glass
Weight	Approx. 70 g
Environment	
Degree of protection	IP 67
Operating temperature	-25 ÷ +70 °C
Storage temperature	-25 ÷ +70 °C
CE-marking	Yes

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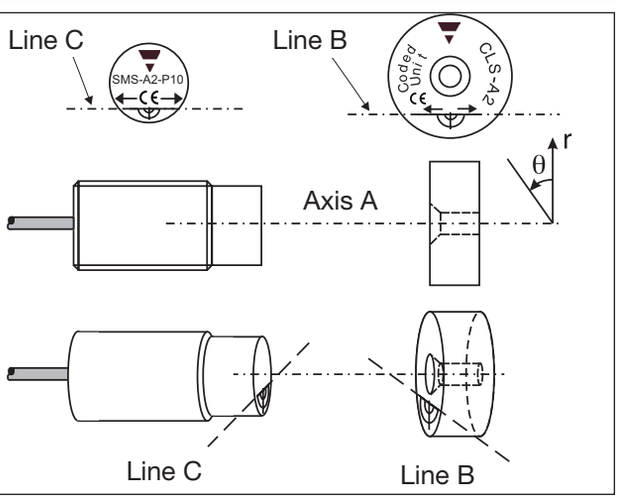
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Application

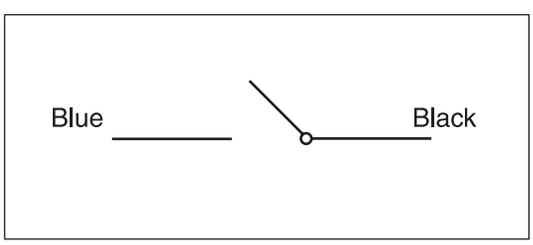
SMSA2P10 + NDS12



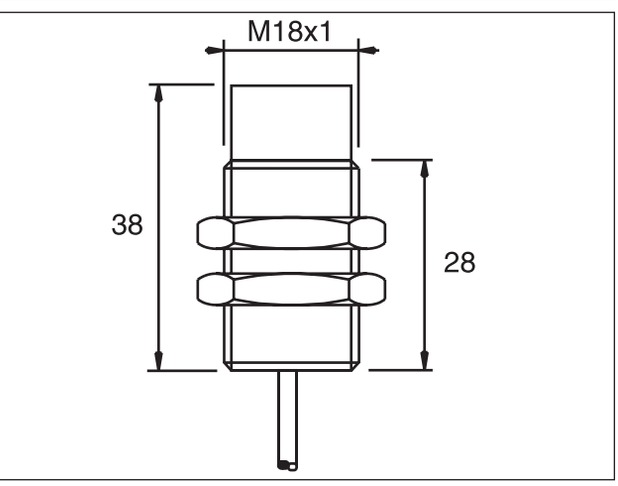
Operating Directions



Wiring Diagrams



Dimensions



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