

Safety Magnetic Sensors

Cylindrical Safety Magnetic Sensors

Types SMSA2P03, SMSA3P03

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- Suitable for applications in safety category 4 in accordance with EN ISO13849-1:2008 when connected to appropriate safety devices
- 2 NO outputs
- Cable output connection
- Cylindrical housing
- Multiple flux coding
- In compliance with CEI EN 60947-5-3:2000

Product Description

The SMSAXP03 series is designed in conformity with EN ISO 12100:2010, EN 60204-1 and EN 1088. It is characterised by multiple flux coding and is suited for applications up to safety Category 4, in accordance with EN ISO13849-1:2008 when connected to appropriate safety devices.

Ordering Key

SMS A2 P 03

Safety magnetic sensor _____
 Diameter _____
 Housing material _____
 Contact type _____

Type Selection

Output	Operating distance	Safety category	Item code
2 NO	16 mm	4	SMSA2P03
2 NO	16 mm	4	SMSA3P03

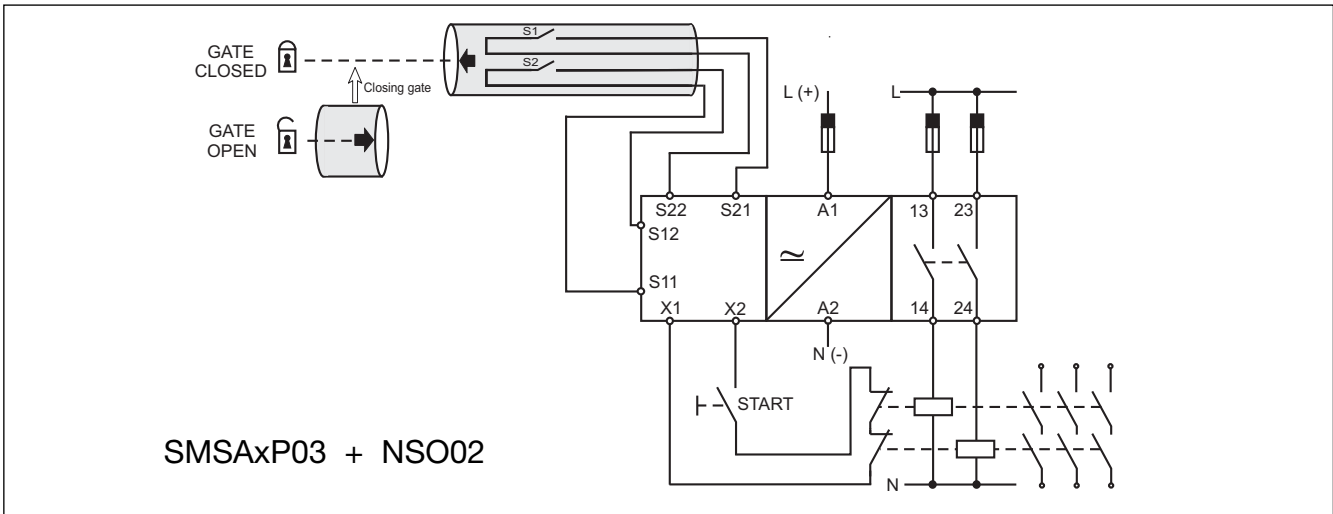
Output Specifications

Output	Category 4 (EN ISO13849-1:2008) 2 NO
Output connection	Cable (PVC, AWG 26, L = 2 m, 4 x 0.15 mm ²)
Contact ratings Max Switching Voltage Max Switching Current Max Switching Power	100 VAC 0.25 A 5 VA

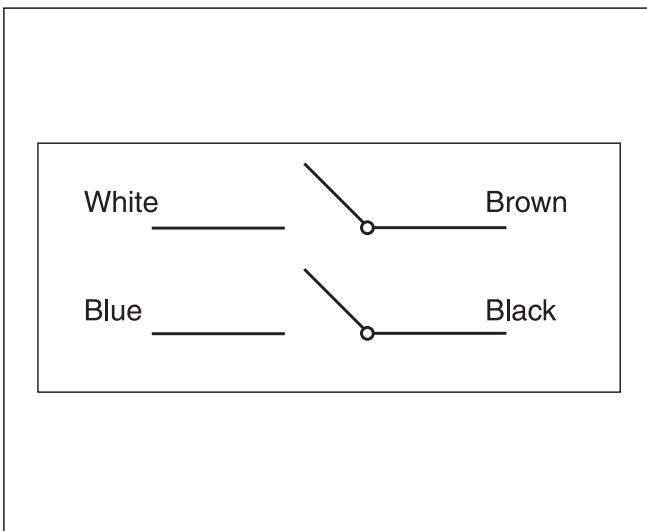
General Specifications

Operating distance ON	16 ± 5 mm
Release distance OFF	20 ± 6 mm
Reset distance	20 ± 6 mm
Suitable magnetic unit SMSA2P03 SMSA3P03	CLSA2 CLSA3
Misalignment	max ± 2 mm
Housing Dimensions SMSA2P03 SMSA3P03 Material	M18x1 M30x1.5 Plastic
Weight	Approx. 70 g
Environment Degree of protection Operating temperature Storage temperature	IP 67 -25 ÷ +70 °C -25 ÷ +70 °C
CE-marking	Yes

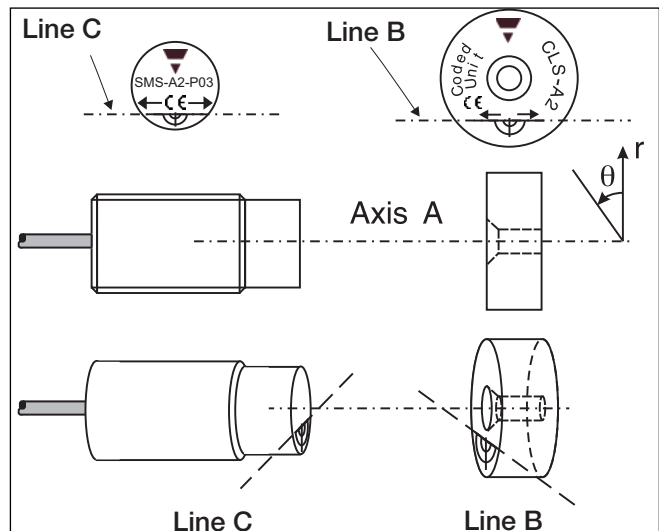
Application



Wiring Diagrams



Operating Directions



Dimensions

