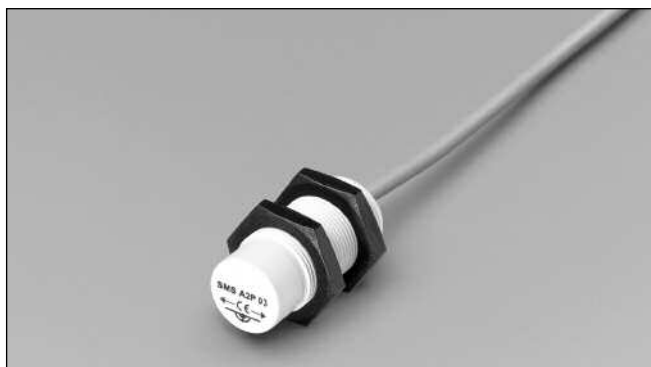


Safety magnetic sensors

Cylindrical safety magnetic sensors

Types SMSA2P03, SMSA3P03

CARLO GAVAZZI



- 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

Product Description

The SMSAXP03 series is designed in conformity with EN 292-1, EN 292-2, 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	Item Code (UL)
2 NO	20 mm	4	SMSA2P03	SMS 2P AL 02M
2 NO	20 mm	4	SMSA3P03	SMS 3P AT 02M

Output Specifications

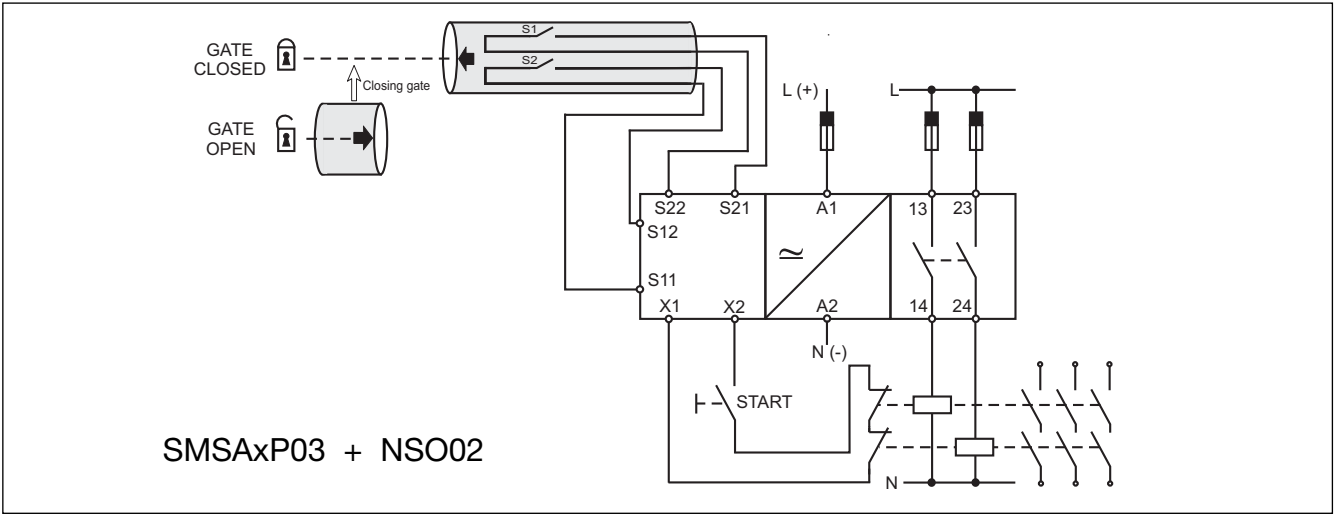
Output	Category 4 (EN ISO13849-1:2008) 2 NO
Output connection	Cable (PVC, AWG 26, L=2m 4x0.15 mm ²)
Contact ratings	
Max Switching Voltage	100 VAC
Max Switching Current	0.25 A
Max Switching Power	5 VA

General Specifications

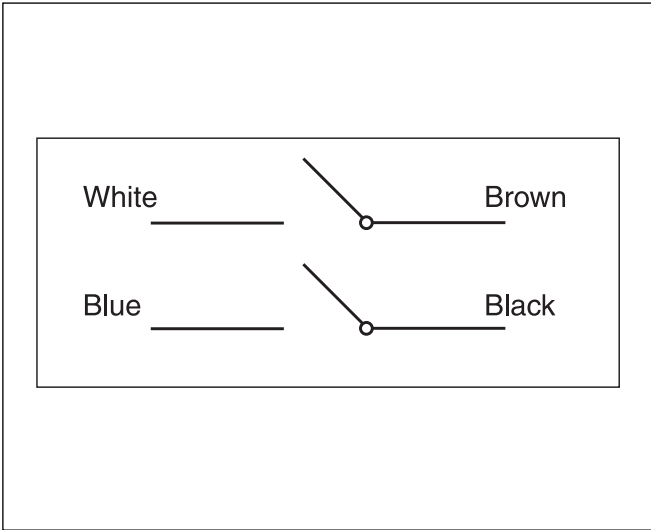
Operating distance ON	20 ± 3 mm
Release distance OFF	22 ± 5 mm
Reset distance	22 ± 5 mm
Suitable magnetic unit	
SMSA2P03	CLSA2
SMSA3P03	CLSA3
Misalignment	max ± 4 mm
Housing	
Dimensions	
SMSA2P03	M18x1
SMSA3P03	M30x1.5
Material	Plastic
Weight	Approx. 70 g
Environment	
Degree of protection	IP 67
Operating temperature	-25 ÷ +70 °C
Storage temperature	-25 ÷ +70 °C



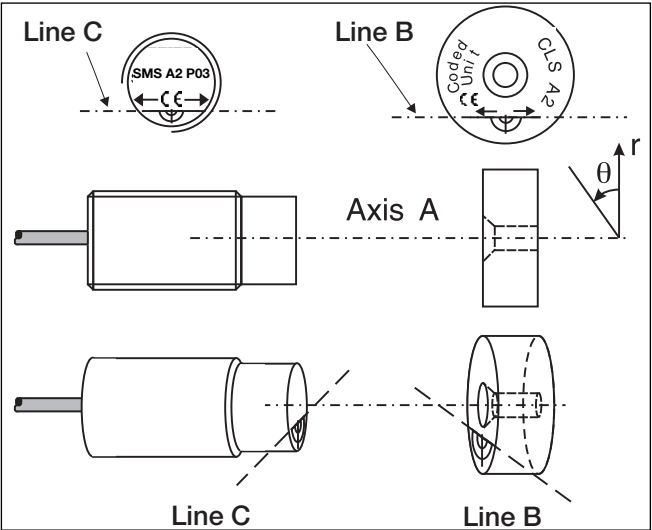
Application



Wiring Diagrams



Operating Directions



Dimensions

