

Safety magnetic sensors

Cylindrical safety magnetic sensors

Types SMSA2P02

CARLO GAVAZZI



- Suitable for applications in safety category 4 in accordance with EN ISO13849-1:2008 when connected to appropriate safety devices
- Outputs: 1NO + 1NC
- Cable output connection
- Cylindrical housing
- Multiple flux coding
- LED indication (SMSA2P02LD only)

Product Description

The SMSA2P02 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 02 LD

Safety magnetic sensor

Diameter

Housing material

Contact type

Other features

Type Selection

Output	Operating distance	LED indication	Item code	Item code (UL)
1 NO + 1 NC	15 mm	No	SMS A2P02	SMS 2P 11 AJ 02M
1 NO + 1 NC	15 mm	Yes	SMS A2P02LD	SMS 2P 11 AK 02M

Output Specifications

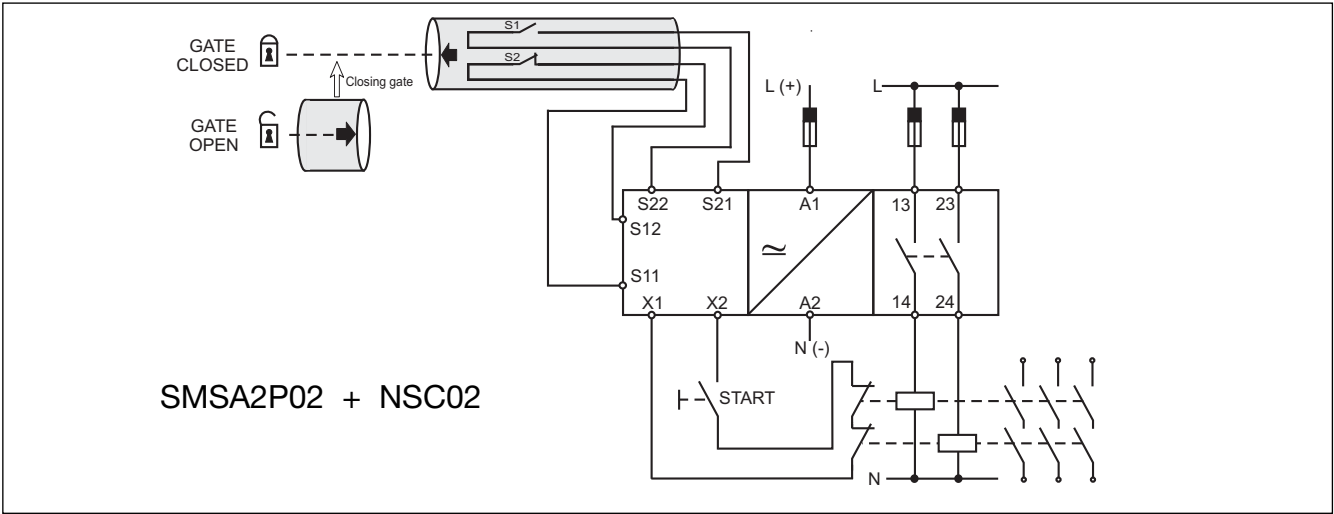
Output	Category 4 (EN ISO13849-1:2008) 1 NO + 1 NC
Output connection	Cable (PVC, AWG 26, L=2m 4x0.15 mm ²)
Contact ratings Max Switching Voltage Max Switching Current Max Switching Power	100 VAC 0.25 A 5 VA

General Specifications

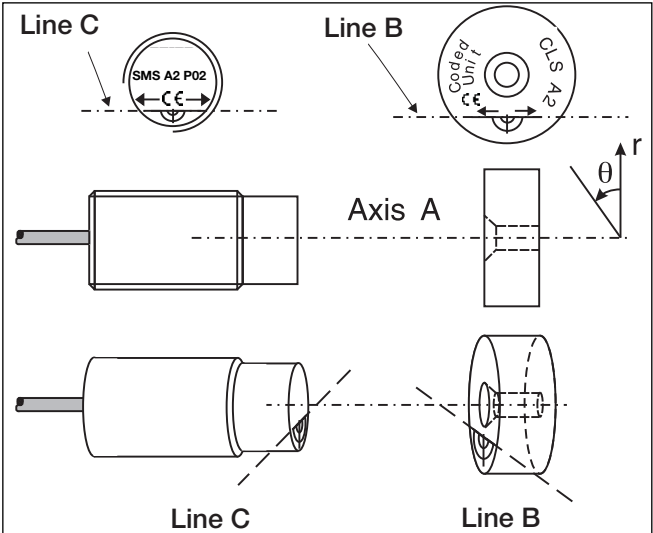
Operating distance ON	15 ± 4 mm
Release distance OFF	20 ± 6 mm
Reset distance	25 ± 7 mm
Suitable magnetic unit	CLSA2
Misalignment	max ± 4 mm
Housing Dimensions Material	M18x1 Plastic
Weight	Approx. 70 g
Environment Degree of protection Operating temperature Storage temperature	IP 67 -25 ÷ +70 °C -25 ÷ +70 °C
Indication for Gate open (SMSA2P02LD)	LED, red



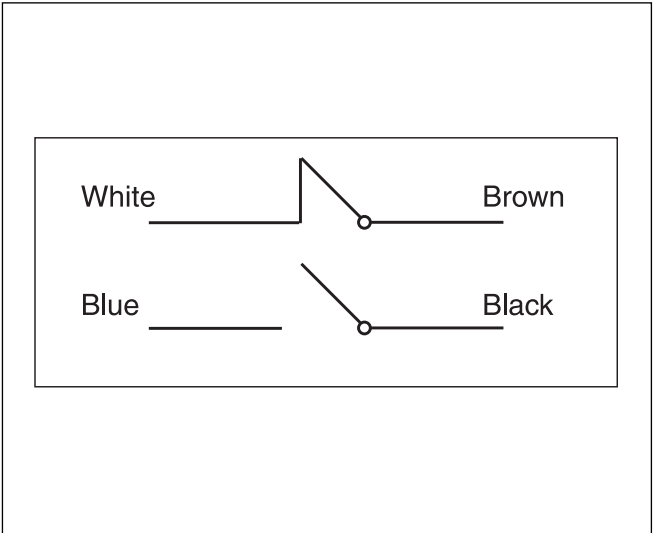
Application



Operating Directions



Wiring Diagrams



Dimensions

