

Safety Magnetic Sensors

Cylindrical Safety Magnetic Sensors

Type SMSA3P02

CARLO GAVAZZI



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

Product Description

The SMSA3P02 series is designed in conformity with EN ISO 12100:2010, EN 60204-1 and EN 1088. It is characterized 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 A3 P 02

Safety magnetic sensor

Diameter

Housing material

Contact type

Type Selection

| Output | Operating distance | Safety category | Item code |
|-------------|--------------------|-----------------|-----------|
| 1 NO + 1 NC | 15 mm | 4 | SMSA3P02 |

Output Specifications

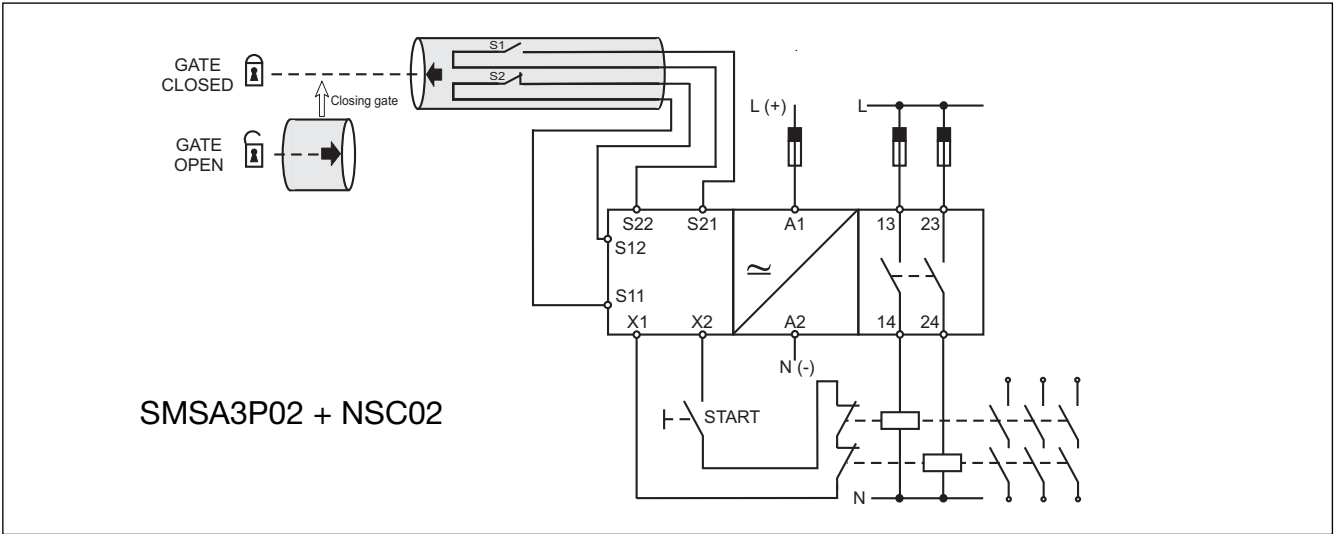
| | |
|--|---|
| Output | Category 4 (EN ISO13849-1:2008) 1 NO + 1 NC |
| Output Connection | Cable (PVC, AWG 26, L = 2 m 4 x 0,15 mm ²) |
| Contact ratings Max Switching Voltage Max Switching Current Max Switching Power | 100 VAC 0.25 A 5 VA |

General Specifications

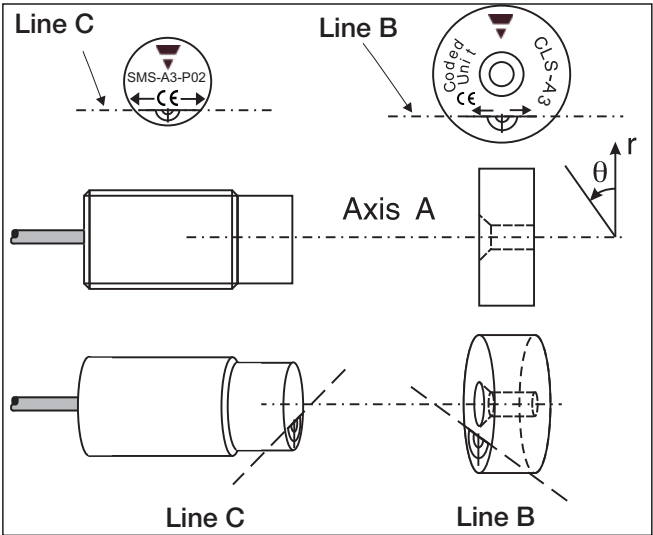
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|---|---------------------------------------|
| Operating distance ON | 15 ± 5 mm |
| Release distance OFF | 20 ± 6 mm |
| Reset distance | 25 ± 7 mm |
| Suitable magnetic unit | CLSA3 |
| Misalignment | max ± 2 mm |
| Housing Dimensions Material | M30x1.5 PBT + 30% glass |
| Weight | Approx. 70 g |
| Environment Degree of protection Operating temperature Storage temperature | IP 67 -25 ÷ +70 °C -25 ÷ +70 °C |
| CE-marking | Yes |



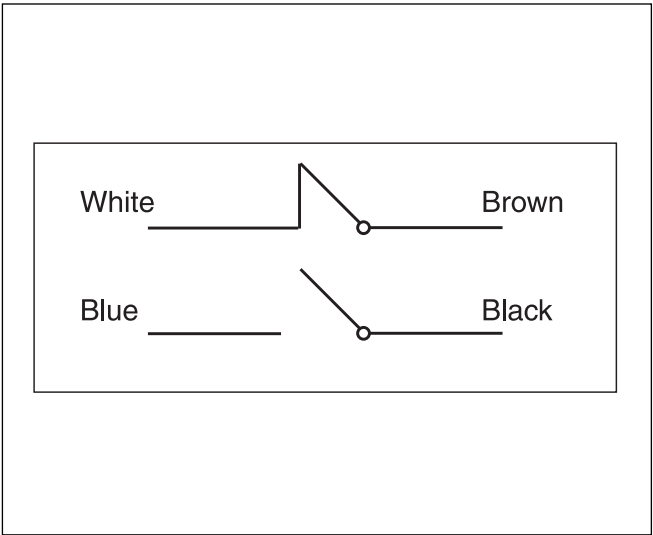
Application



Operating Directions



Wiring Diagrams



Dimensions

