

Safety Magnetic Sensors

Cylindrical Safety Magnetic Sensors

Type SMSA3P02

CARLO GAVAZZI



- Suitable for applications in safety category 4 in accordance with EN ISO13849-1:2015 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 ISO13849-1:2015 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

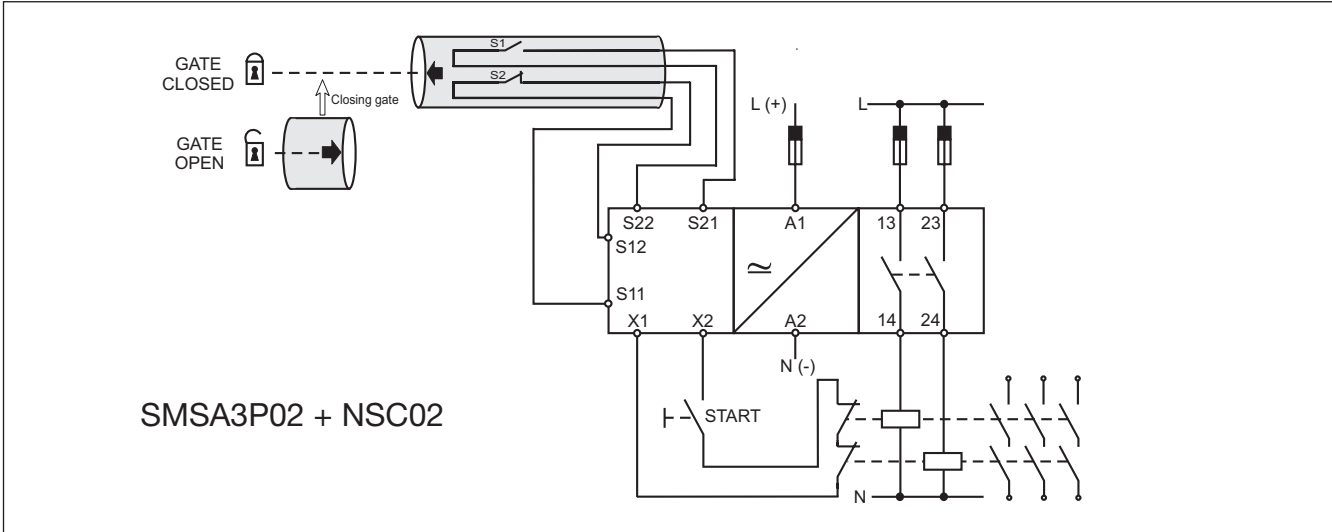
Output Specifications

Output	Category 4 (EN ISO13849-1:2015) 1 NO + 1 NC
Output Connection	Cable (PVC, AWG 26, L = 2 m 4 x 0,15 mm ²)
Contact ratings	
Max Switching Voltage	100 VAC
Max Switching Current	0.25 A
Max Switching Power	5 VA

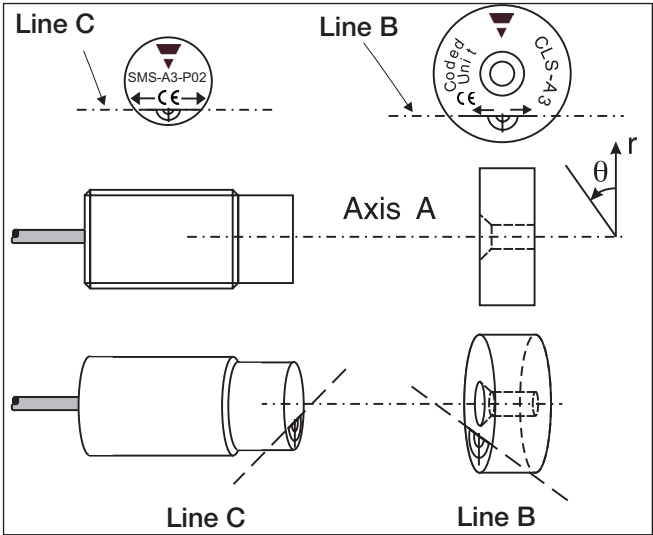
General Specifications

Operating distance ON	15 ± 5 mm
Release distance OFF	20 ± 6 mm
Reset distance	25 ± 7 mm
Suitable magnetic unit	CLSA3
Misalignment	max ± 2 mm
Housing	
Dimensions	M30x1.5
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

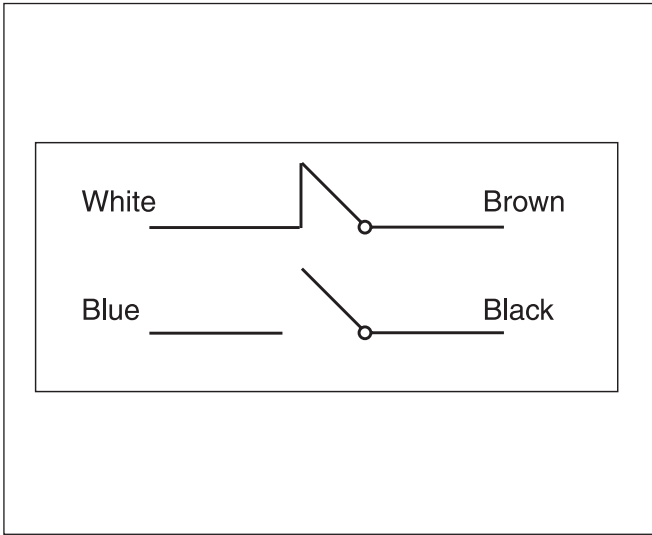
Application



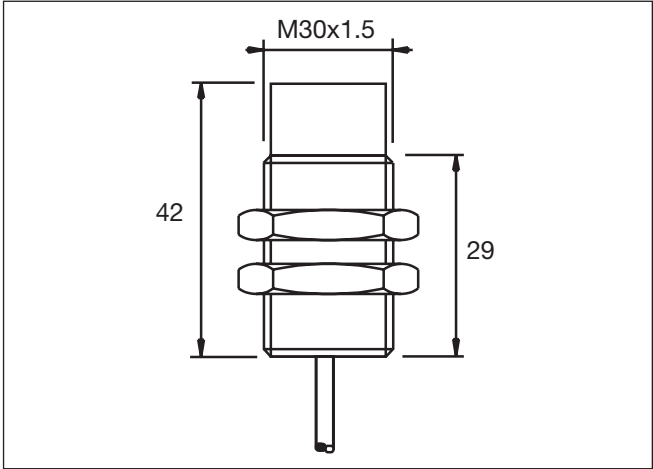
Operating Directions



Wiring Diagrams



Dimensions



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Carlo Gavazzi:](#)

[SMSA3P02](#)