

Safety Magnetic Sensors

Cylindrical safety magnetic sensors

Type SMSA2P10

CARLO GAVAZZI



- Suitable for applications in safety category 3 in accordance with EN ISO13849-1:2008 when connected to appropriate safety devices
- 1 NO output
- Cable output connection
- Cylindrical housing
- Multiple flux coding

Product Description

The SMSA2P10 is designed in conformity with EN 292-1, EN 292-2, EN 60204-1 and EN 1088. It is characterized by multiple flux coding and

is suited for applications up to safety Category 3 in accordance with EN ISO13849-1:2008 when connected to appropriate safety devices.

Ordering Key

SMS A2 P 10

Safety magnetic sensor

Diameter

Case material

Contact type

Type Selection

Output	Operating distance	Safety category	Item code	Item code (UL)
1 NO	16 mm	3	SMS A2 P 10	SMS 2P AM 02M

Output Specifications

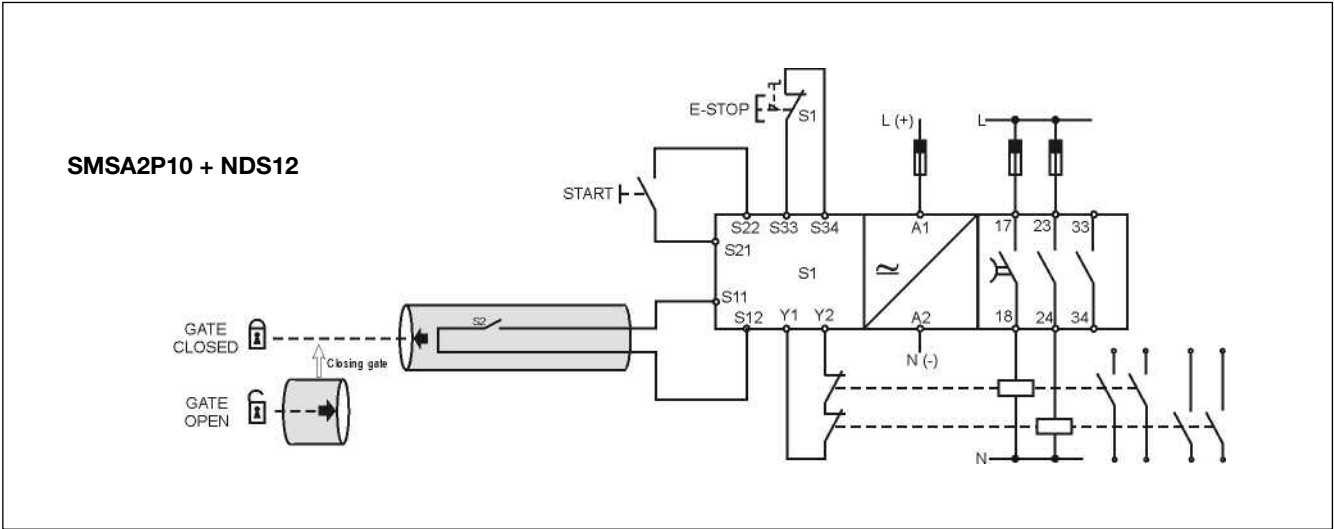
Output	Category 3 (EN ISO13849-1:2008) 1 NO
Output connection	Cable (PVC, AWG 26, L=2m 4x0.15 mm ²)
Contact ratings	
Max Switching Voltage	100 VAC
Max Switching Current	0.25 A
Max Switching Power	5 VA

General Specifications

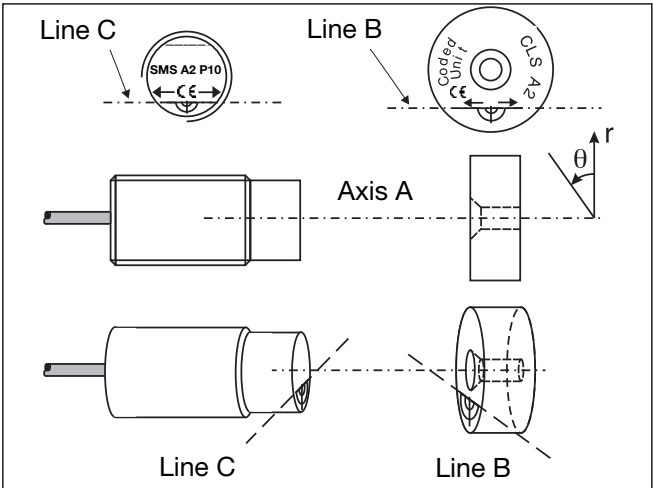
Operating distance ON	16 ± 4 mm
Release distance OFF	20 ± 6 mm
Reset distance	20 ± 6 mm
Suitable magnetic unit	CLSA2
Misalignment	max ± 4 mm
Housing	
Dimensions	M18x1
Material	Plastic
Weight	Approx. 70 g
Environment	
Degree of protection	IP 67
Operating temperature	-25 ÷ +70 °C
Storage temperature	-25 ÷ +70 °C



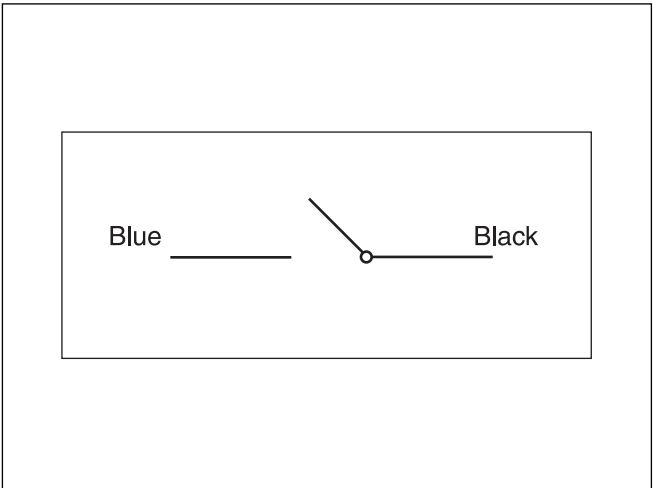
Application



Operating Directions



Wiring Diagrams



Dimensions

