

Safety magnetic sensors

Cylindrical safety magnetic sensors

SMSA2P30, SMSA3P30

CARLO GAVAZZI



- Suitable for applications in safety category 3 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 SMSAXP30 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 3, in accordance with EN ISO13849-1:2008 when connected to appropriate safety devices.

Ordering Key

SMS A2 P 30

Safety magnetic sensor

Diameter

Housing material

Contact type

Type Selection

Output	Operating distance	Safety category	Item code	Item code (UL)
2 NO	16 mm	3	SMSA2P30	SMS 2P AN 02M
2 NO	16 mm	3	SMSA3P30	SMS 3P AS 02M

Output Specifications

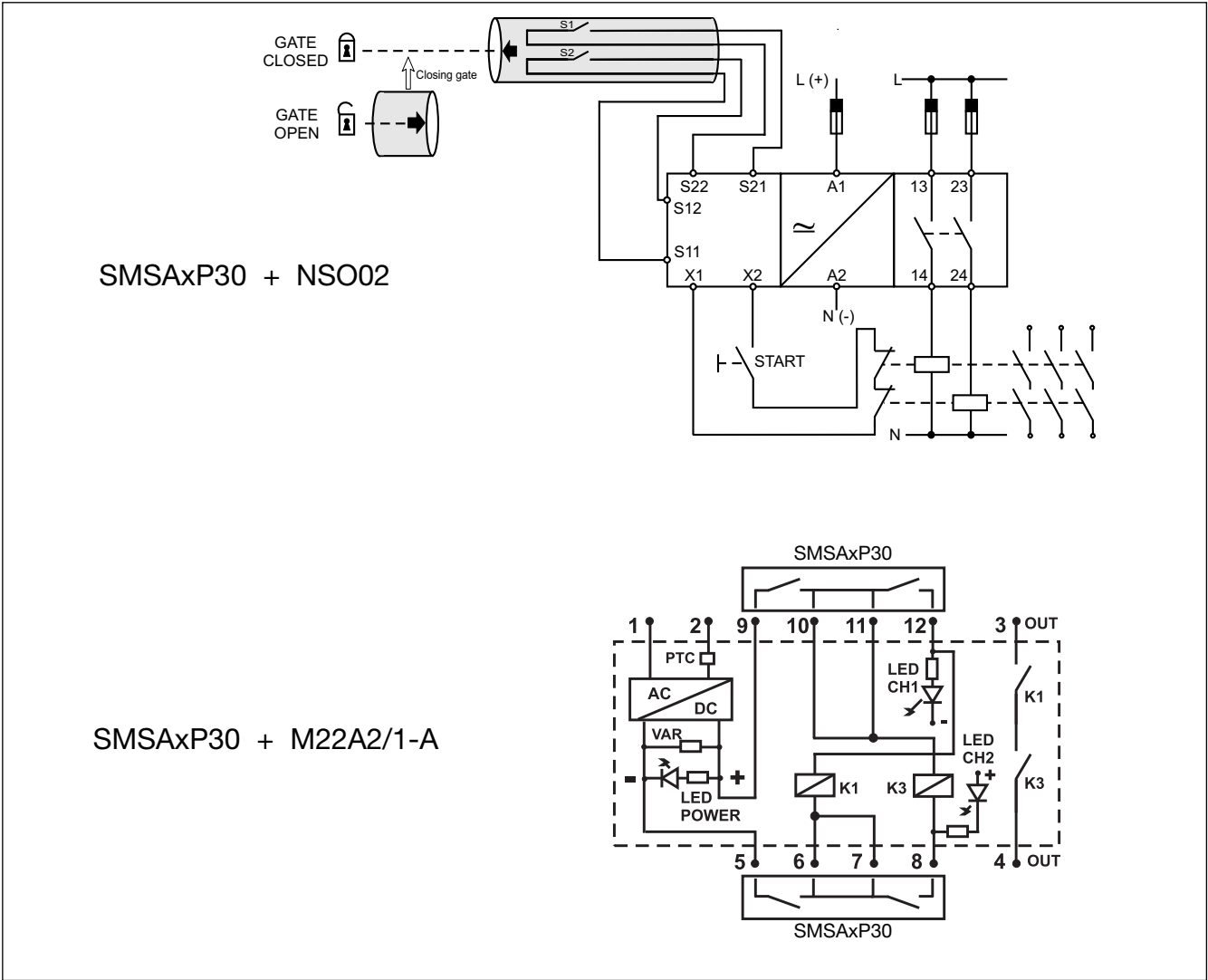
Output	Category 3 (EN ISO13849-1:2008) 2 NO
Output connection	Cable (PVC, AWG 26, L=2m 4x0,15 mm ²)
Contact ratings Max Switching Voltage Max Switching Current Max Switching Power	100 VAC 0,25 A 5 VA

General Specifications

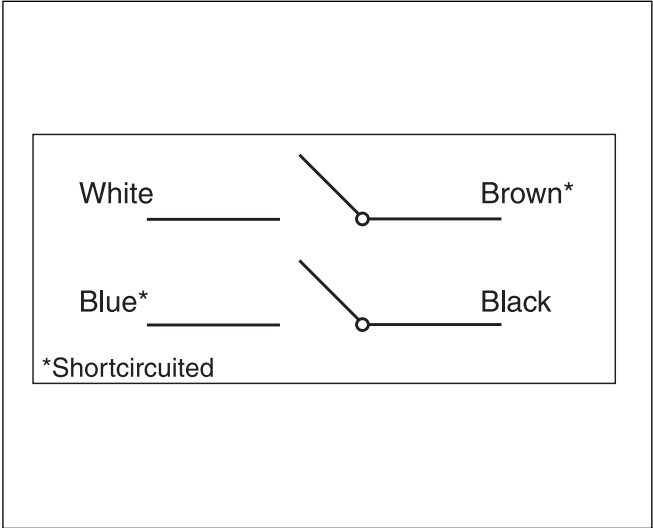
Operating distance ON	20 ± 3 mm
Release distance OFF	22 ± 5 mm
Reset distance	22 ± 5 mm
Suitable magnetic unit SMSA2P30 SMSA3P30	CLSA2 CLSA3
Misalignment	max ± 4 mm
Housing Dimensions SMSA2P30 SMSA3P30 Material	M18x1 M30x1.5 Plastic
Weight	Approx. 70 g
Environment Degree of protection Operating temperature Storage temperature	IP 67 -25 ÷ +70 °C -25 ÷ +70 °C



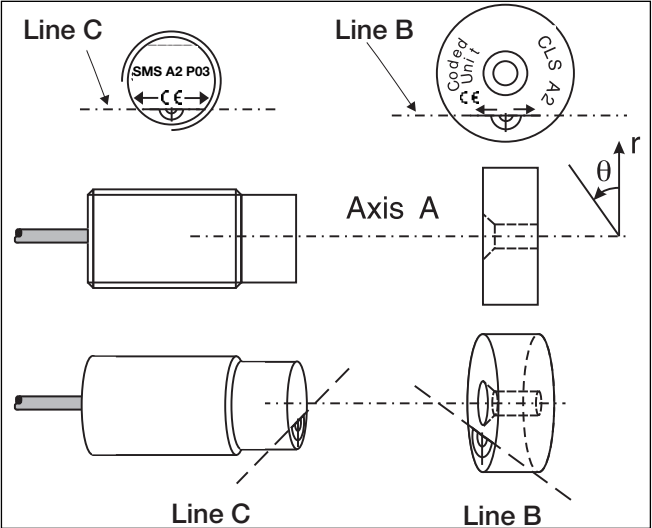
Application



Wiring Diagrams



Operating Directions



Dimensions

