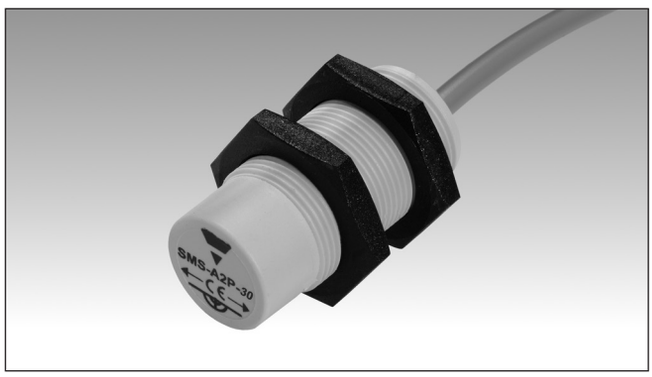
Safety Magnetic Sensors
Cylindrical Safety Magnetic Sensors
SMSA2P30, SMSA3P30



- **Suitable for applications in safety category 3 in accordance with EN ISO13849-1:2015 when connected to appropriate safety devices**
- **2 NO outputs**
- **Cable output connection**
- **Cylindrical housing**
- **Multiple flux coding**
- **In compliance with CEI EN 60947-5-3:2000**

Product Description

The SMSAXP30 series is designed in conformity with EN ISO 12100:2010, 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 ISO13849-1:2015 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
2 NO	16 mm	3	**SMSA2P30**
2 NO	16 mm	3	**SMSA3P30**

Output Specifications

Output	Category 3 (EN ISO13849-1:2015) 2 NO
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	16 ± 5 mm
Release distance OFF	20 ± 6 mm
Reset distance	20 ± 6 mm
Suitable magnetic unit	
SMSA2P30	CLSA2
SMSA3P30	CLSA3
Misalignment	max ± 2 mm
Housing	
Dimensions	
SMSA2P30	M18x1
SMSA3P30	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

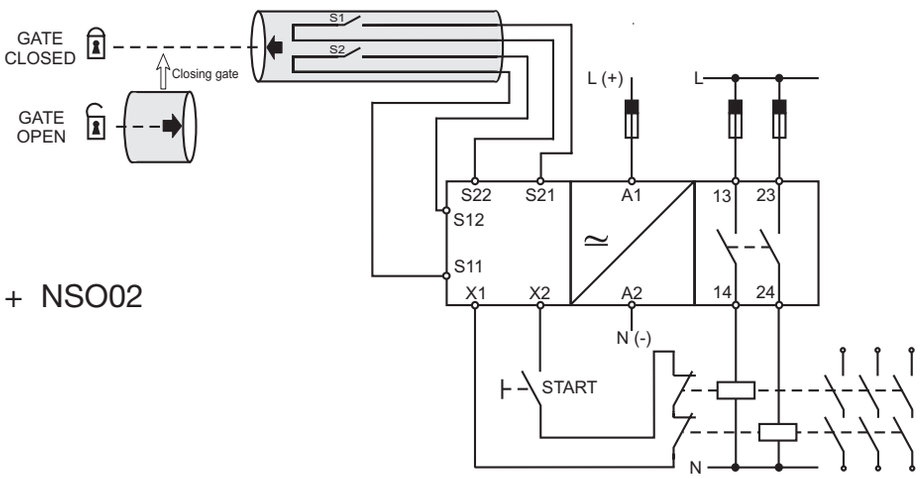
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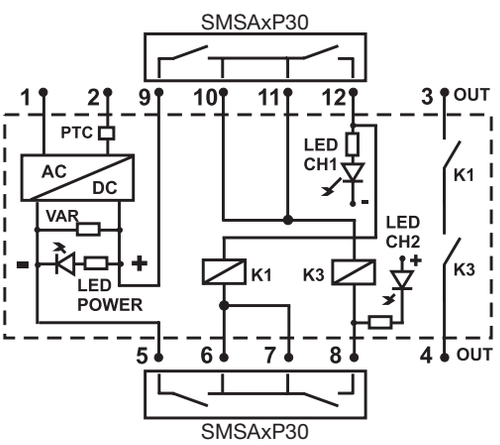
CARLO GAVAZZI

Application

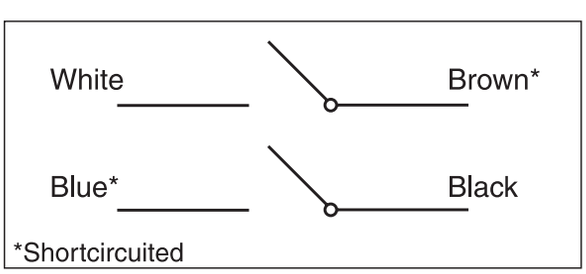
SMSAxP30 + NSO02



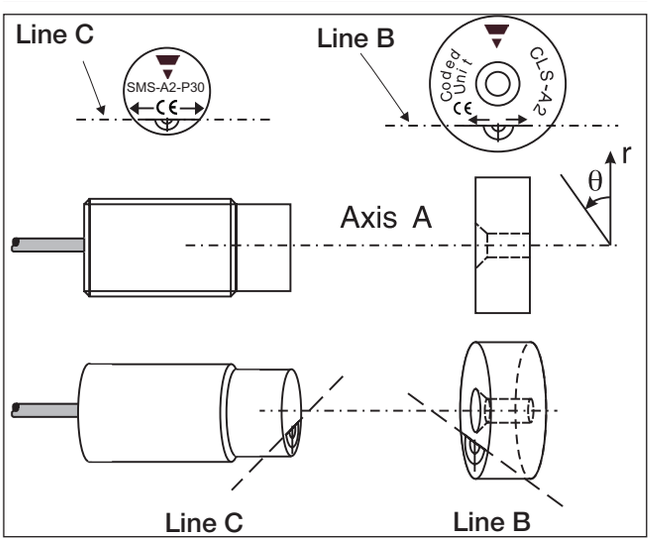
SMSAxP30 + M22A2/1-A



Wiring Diagrams



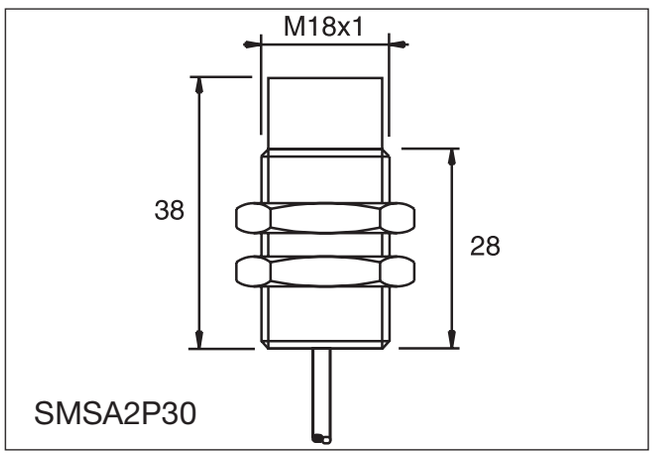
Operating Directions

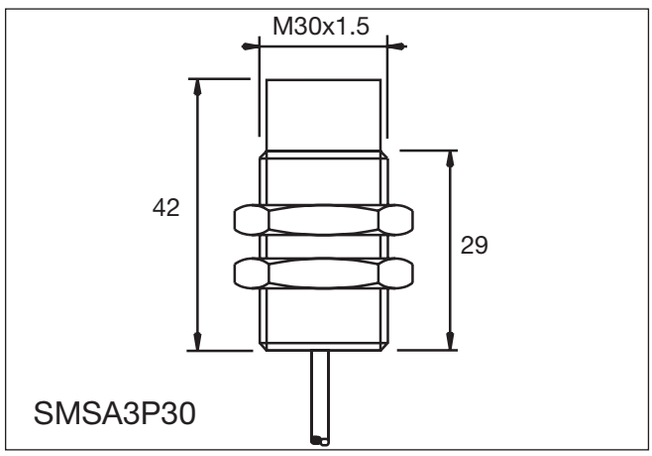


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Dimensions





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