

Safety magnetic sensors

Cylindrical safety magnetic sensors

Types SMSA2M

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- Suitable for applications in safety category 4 in accordance with EN ISO13849-1:2008 when connected to appropriate safety devices
- 1NO + 1NC (SMSA2M02), 1 NO (SMSA2M10) outputs
- Cable output connection
- Stainless steel cylindrical housing
- Multiple flux coding

Product Description

The SMSA2M series is designed in conformity with EN 292-1, EN 292-2, EN 60204-1 and EN 1088. It is characterised by stainless steel cylindrical housing, 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 A2 M 02

Safety magnetic sensor

Diameter

Housing material

Contact type

Type Selection

Output	Operating distance	Safety category	Item code	Item code (UL)
1 NO + 1 NC	15 mm	4	SMS A2 M02	SMS 2M AU 02M
1 NO	16 mm	3	SMS A2 M10	SMS 2M AV 02M

Output Specifications

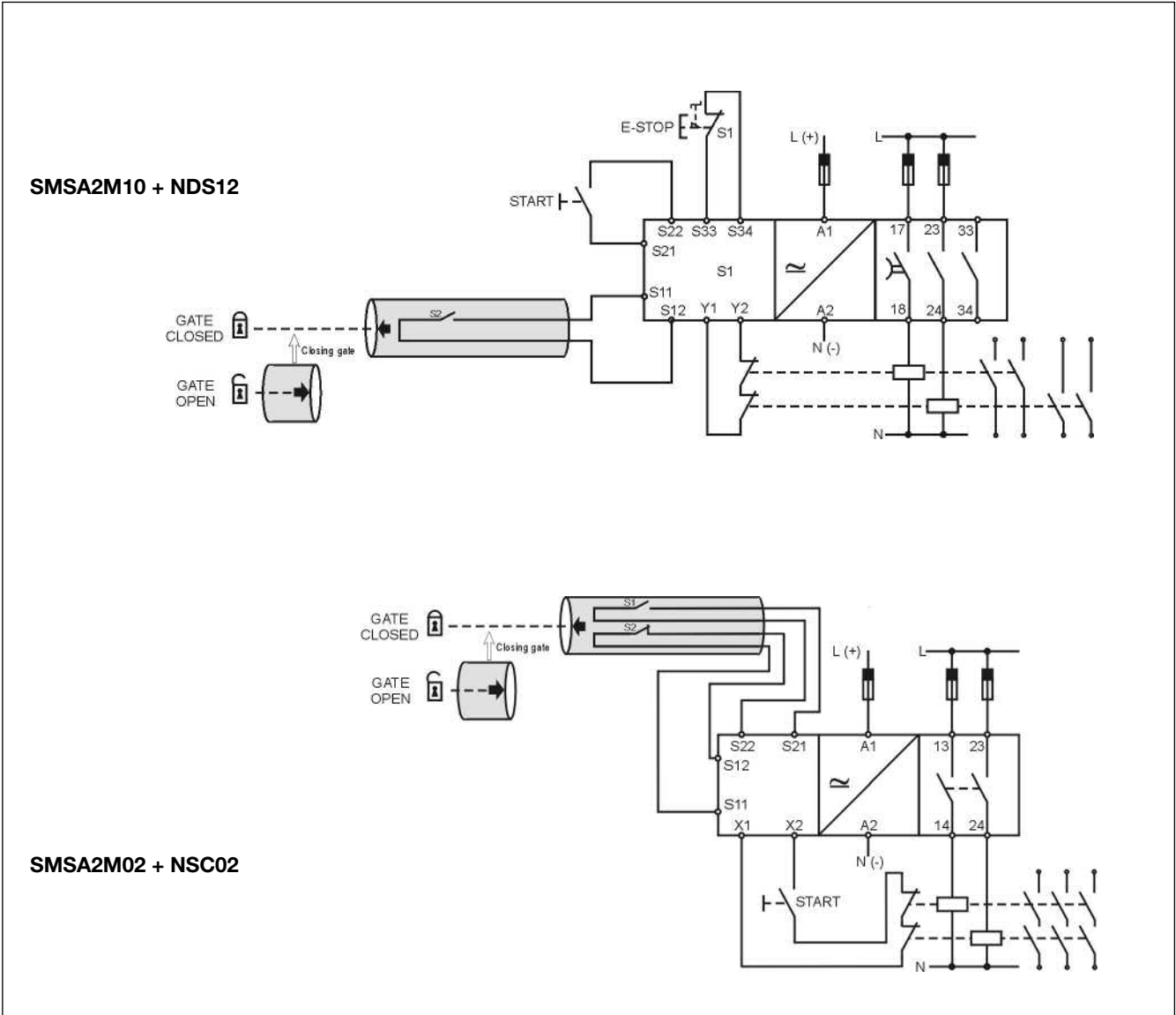
Output	Category 4 (EN ISO13849-1:2008) 1 NO + 1 NC 1 NO
Output connection	Cable (PVC, AWG 26, L=2m 4x0.15 mm ²)
Contact ratings Max Switching Voltage Max Switching Current Max Switching Power	100 VAC 0.25 A 5 VA

General Specifications

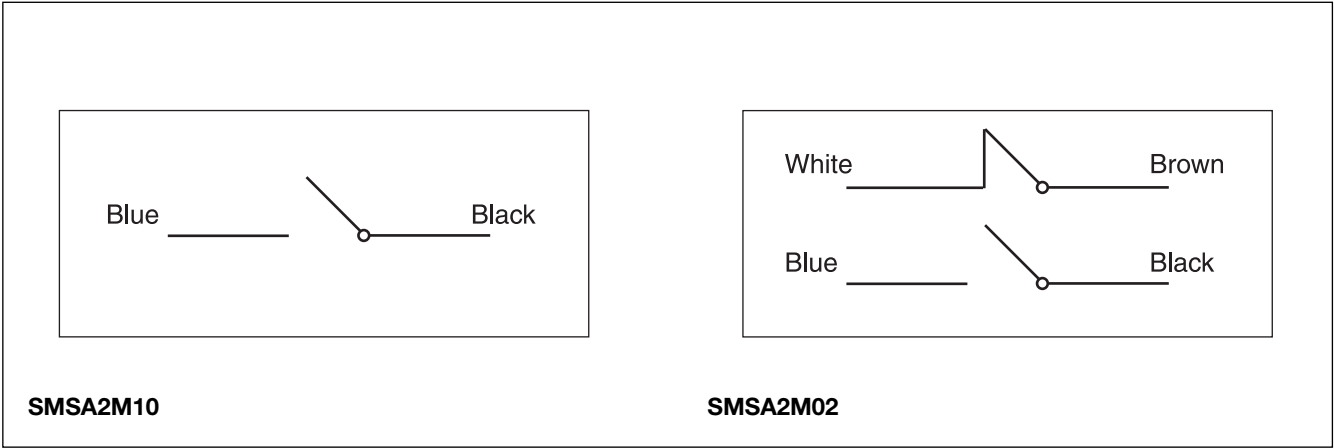
Operating distance ON SMSA2M02 SMSA2M10	15 ± 4 mm 16 ± 4 mm
Release distance OFF	20 ± 6 mm
Reset distance	25 ± 7 mm (SMSA2M02)
Suitable magnetic unit	CLSA2M
Misalignment	max ± 4 mm
Housing Dimensions Material	M18x1 Stainless steel
Weight	Approx. 70 g
Environment Degree of protection Operating temperature Storage temperature	IP 67 -25 ÷ +70 °C -25 ÷ +70 °C



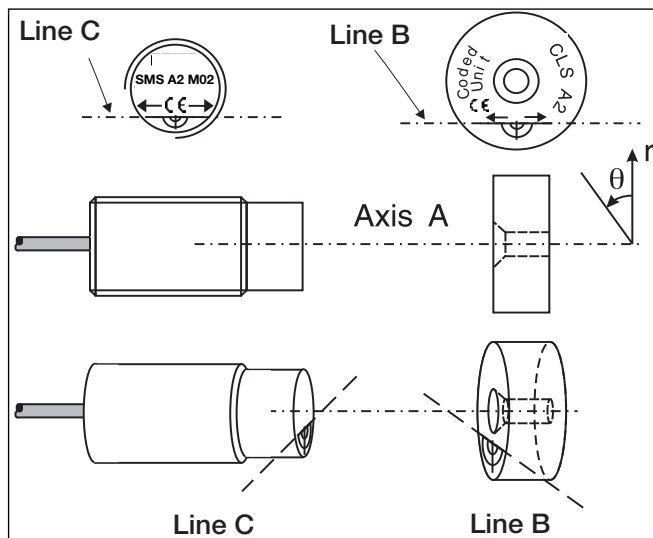
Application



Wiring Diagrams



Operating Directions



Dimensions

