

## Datasheet

Art.No. R1.100.0223.0

### Magnet switch set SMA 0223

safety switch and magnet, manipulation safe, rectangle-shaped design, dimensions LxWxH: 88x25x14mm, normally open / normally open contact, protection category: IP67, cable length: 3m



Art.No.	R1.100.0223.0
EAN	4049088014543
Order unit	1 pieces

## Approvals

## Technical data

### General

Suited for safety functions	Yes
Housing material	Plastic
Switching distance	3 mm
Number of protected contact energized outputs	2
Type of electric connection	Cable
Cable length	3 m
Construction type housing	Cuboid
Protected switch distance ON	7 mm
Protected switch distance OFF	18 mm
Cross-/short circuit identification possible	Yes
Degree of protection (IP)	IP67
Category according to EN ISO 13849-1	4
Type of actuation	Magnet
Performance level acc. to EN ISO 13849-1	e

### Output circuit

Max. output current at protected output	200 mA
Min. output current	5 mA
Min. rated supply voltage at DC	5 V
Max. rated supply voltage at DC	48 V

### Other

Voltage type	DC
Number of protected semiconductor outputs	0
Type of switch output	Other

**Dimensions**

Width sensor	25 mm
Height of sensor	14 mm
Length of sensor	88 mm

**Classification**

ECLASS 8.1	27270105: Magnetic proximity switch
ETIM 6.0	: EC002544
ETIM 5.0	EC002544: Magnetic proximity switch
ETIM 4.0	EC002544: Magnetic proximity switch

**Accessories / components**

Art.No.:	Type:	Description
R1.100.5004.0	Connection cable M8 SMA 5004	M8 cable female, 4-pole, end cut off, cable length: 5m
R1.100.5005.0	Connection cable M8 SMA 5005	M8 cable female, 4-pole, end cut off, cable length: 10m