

## Data sheet

Commercial Art.No.: R1.100.0123.0

Magnet switch set SMA 0123

safety switch and magnet, manipulation safe, rectangle-shaped design, dimensions  
LxWxH: 36x26x13mm, normally open / normally open contact, protection category:  
IP67, cable length: 3m



Commercial Art.No.	R1.100.0123.0
EAN	4049088014499
Order Unit	1

Certificates / Approvals



## Technical data

### General

Suited for safety functions	yes
Housing material	Plastic
Switching distance	0.5 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	8 mm
Protected switch distance OFF	17 mm
Cross-/short circuit identification possible	yes
Degree of protection (IP)	IP67
Type of actuation	Magnet

### 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	26 mm
Height of sensor	13 mm
Length of sensor	36 mm

### Classification

ECLASS 11	
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ECLASS 8.1	27270105
ETIM 7.0	EC002544
ETIM 6.0	EC002544
ETIM 5.0	EC002544
ETIM 4.0	EC002544

**Safety parameters**

Category (ISO 13849-1)	4
PL (ISO 13849-1)	Level e
SIL <sub>CL</sub> (IEC 62061)	3
HFT	1
T <sub>M</sub>	20 a

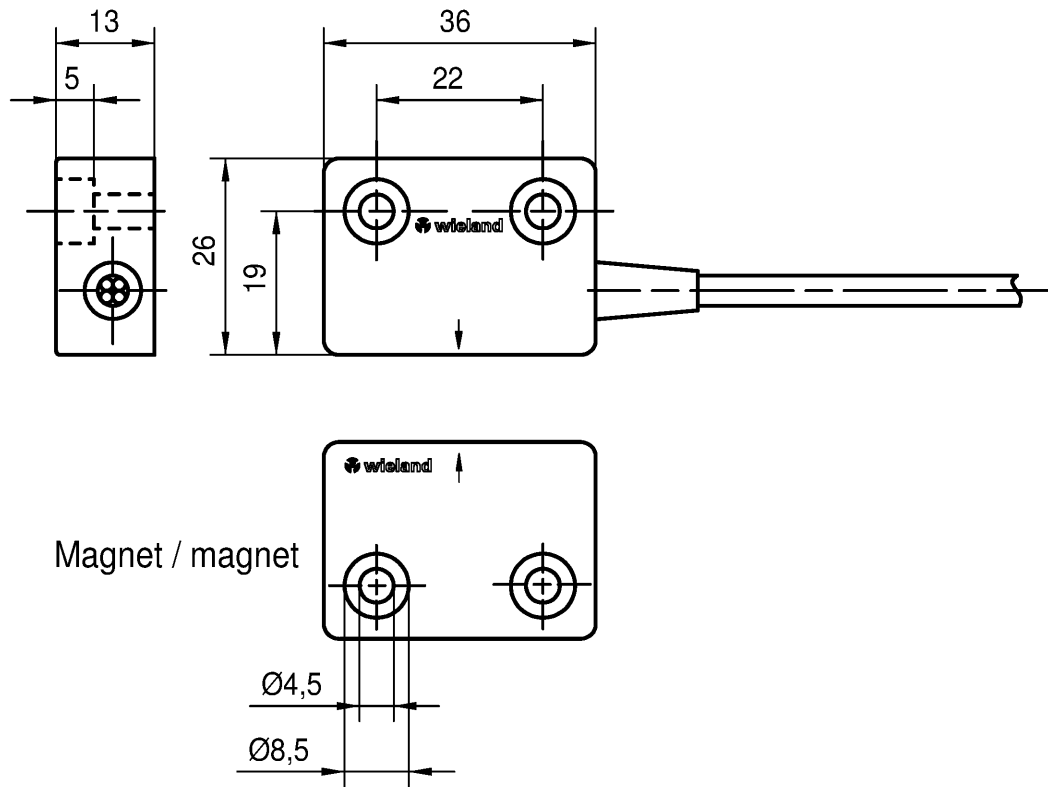
**Product compliance**

REACH-SVHC conformity status	Compliant
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**Accessories**

Commercial Art.No.:	Article-type description:	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

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 Additional data see CATALOG or eCatalog.

[www.wieland-electric.com](http://www.wieland-electric.com)  
[eshop.wieland-electric.com](http://eshop.wieland-electric.com)

Teile Nr. / Part No.
R1.100.0113.0
R1.100.0123.0

ja/yes  Stoffverbots- und Deklarationsliste nach WN 5020.010 ist einzuhalten.  
 Conformity with Wieland document WN 5020.010 e (list of prohibited / declarable hazardous substances) to be declared!

Freitoleranz nach General tolerance		CAD-Zeichnung, keine manuellen Änderungen CAD-Drawing, no manual modifications allowed		1. Verwendung: First Use:		Blatt: Sheet:	
		Werkstoff/ Material		2014	Tag/ Date	Name	Zeichnung Nr./ Drawing No.
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				Normgepr. Stand. check			
Datei/ File: 028681__01K.DCD				Ersatz für/ Replacement for:			
 www.wieland-electric.com		Type		Benennung/ Title		Teilespezifikation / Component specification	
						Magnetschalterset quaderförmig / Machine safety switch set, rectangular	
Index	Datum/ Blatt Date/ Sheet						
Änderung/ Revision							

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