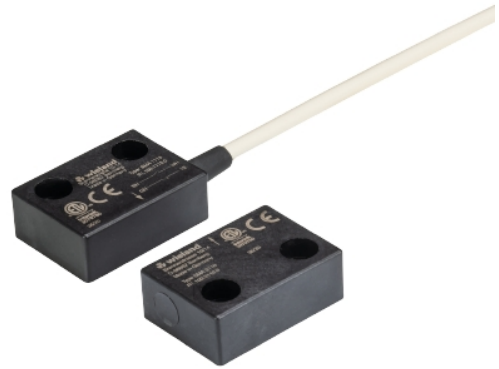


## Data sheet

Commercial Art.No.: R1.100.0113.0

Magnet switch set SMA 0113

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



Commercial Art.No.	R1.100.0113.0
EAN	4049088014482
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
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Height of sensor	13 mm
Length of sensor	36 mm

#### Classification

ECLASS 11	
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

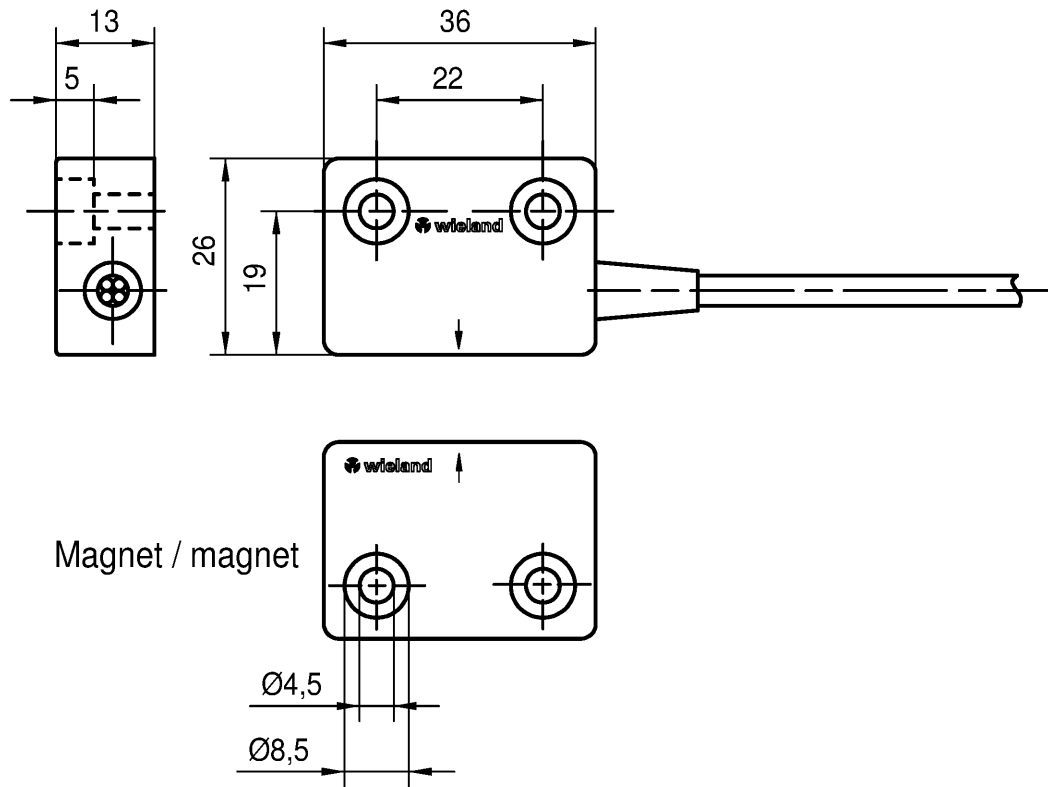
#### Product compliance

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.	
Maßstab/Scale		gezeichnet drawn	29.10.	Kötzner		T R1.100.0113.0 01K	
		geprüft checked					
Datei/ File: 028681__01K.DCD		Ersatz für/ Replacement for:		Maße in mm/Dimensions are in mm			
Index		Type		Benennung/ Title		Teilespezifikation / Component specification	
Datum/ Blatt Date/ Sheet		www.wieland-electric.com		Magnetschalterset quaderförmig / Machine safety switch set, rectangular			
Änderung/ Revision							