

Data sheet

Commercial 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



Commercial Art.No.	R1.100.0223.0
EAN	4049088014543
Order Unit	1

Certificates / 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
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	25 mm
Height of sensor	14 mm
Length of sensor	88 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

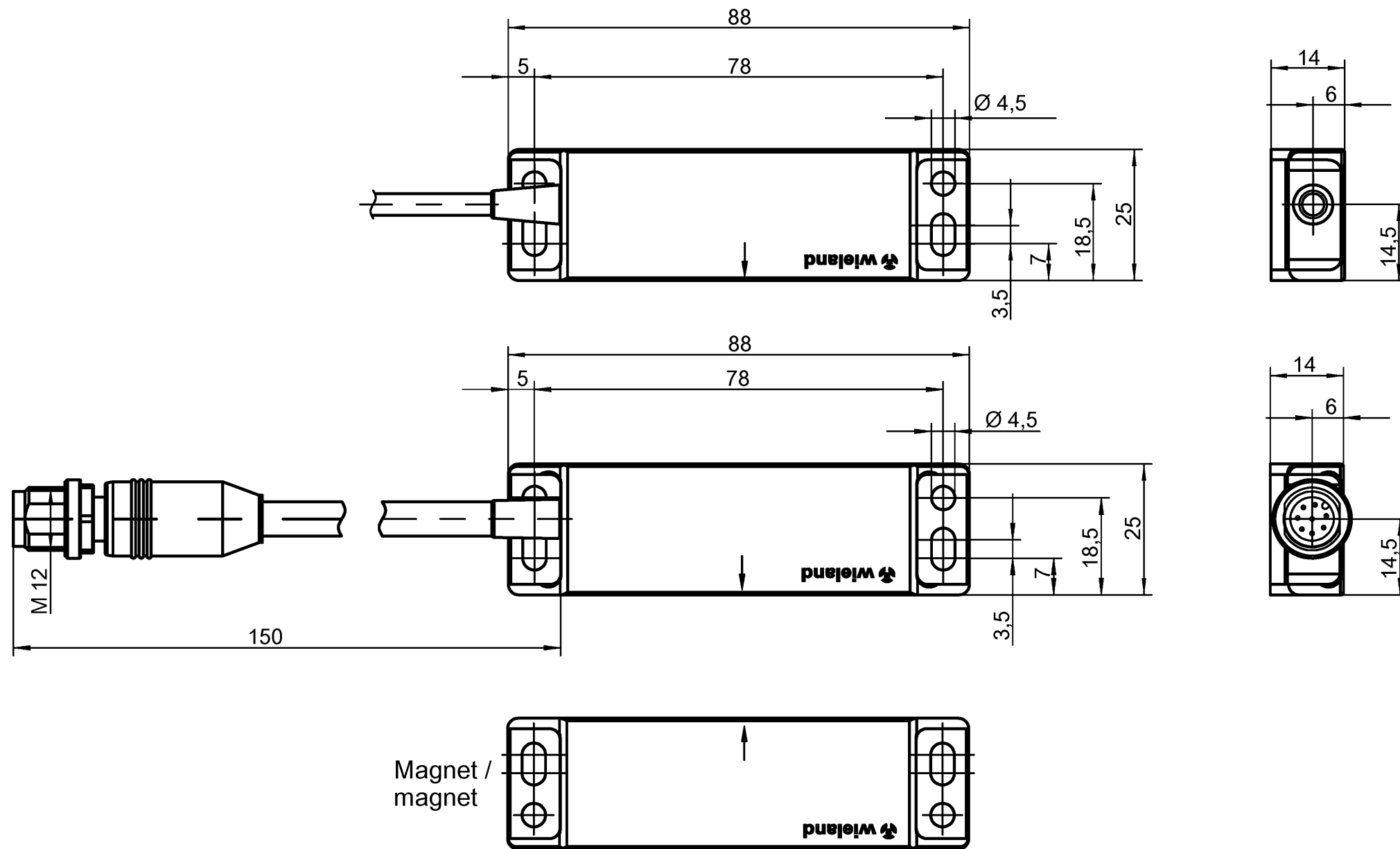
Category (ISO 13849-1)	4
PL (ISO 13849-1)	Level e
SIL _{CL} (IEC 62061)	3
HFT	1
T _M	20 a

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



Magnet / magnet

Teile-Nr. / Part-No.	Anschluss / connection
R1.100.0213.0	PVC cable - 3 m
R1.100.0223.0	PVC cable - 3 m
R1.100.0224.0	PVC cable - 5 m
R1.100.0226.0	PVC cable - 10 m
R1.100.0228.0	PVC cable - 20 m
R1.100.0233.0	PVC cable - 3 m
R1.100.0236.0	PVC cable - 10 000 m
R1.100.0243.0	PVC cable - 3 m
R1.100.0249.0	M12-8
R1.100.0613.0	PVC cable - 3 m
R1.100.0623.0	PVC cable - 3 m
R1.100.0626.0	PVC cable - 10 m

Weitere Angaben siehe KATALOG oder eKatalog.
Additional data see CATALOG or eCatalog.

www.wieland-electric.com
eshop.wieland-electric.com

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		2015	Tag/Date	Name	
		Maßstab/Scale		gezeichnet drawn	26.05.	Koetzner	
				geprüft checked			
				Normgepr. Stand. check			
		Datei / File: 028691_B01K.DCD		Ersatz für / Replacement for:			
⑥ 11.02.20				Type		Benennung / Title	
④ 11.11.15						Teilespezifikation / Component specification	
Index				wieland www.wieland-electric.com		SMA Magnetschalter rechteckig / Machine safety switch, rectangular	
Änderung / Revision							

Zeichnung Nr. / Drawing No.
T R1.100.0213.0 01K

Maße in mm / Dimensions are in mm