

Data sheet

Commercial Art.No.: R1.100.0228.0

magnet switch set SMA 0228

safety switch and magnet, manipulation safe, rectangle-shaped design, dimensions LxWxH: 88x25x14mm, normally closed / normally closed contact, protection category: IP67, cable length: 20m



Commercial Art.No.	R1.100.0228.0
EAN	4049088143786
Order Unit	1

certificates / approvals



Technical data

general

suitable for safety functions	yes
housing material	plastic
number of protected contact energized outputs	2
type of electric connection	cable
cable length	20 m
construction type housing	cuboid
cross-/short circuit identification possible	yes
degree of protection (IP)	IP67
type of actuation	magnet

safety parameters

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

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

classification

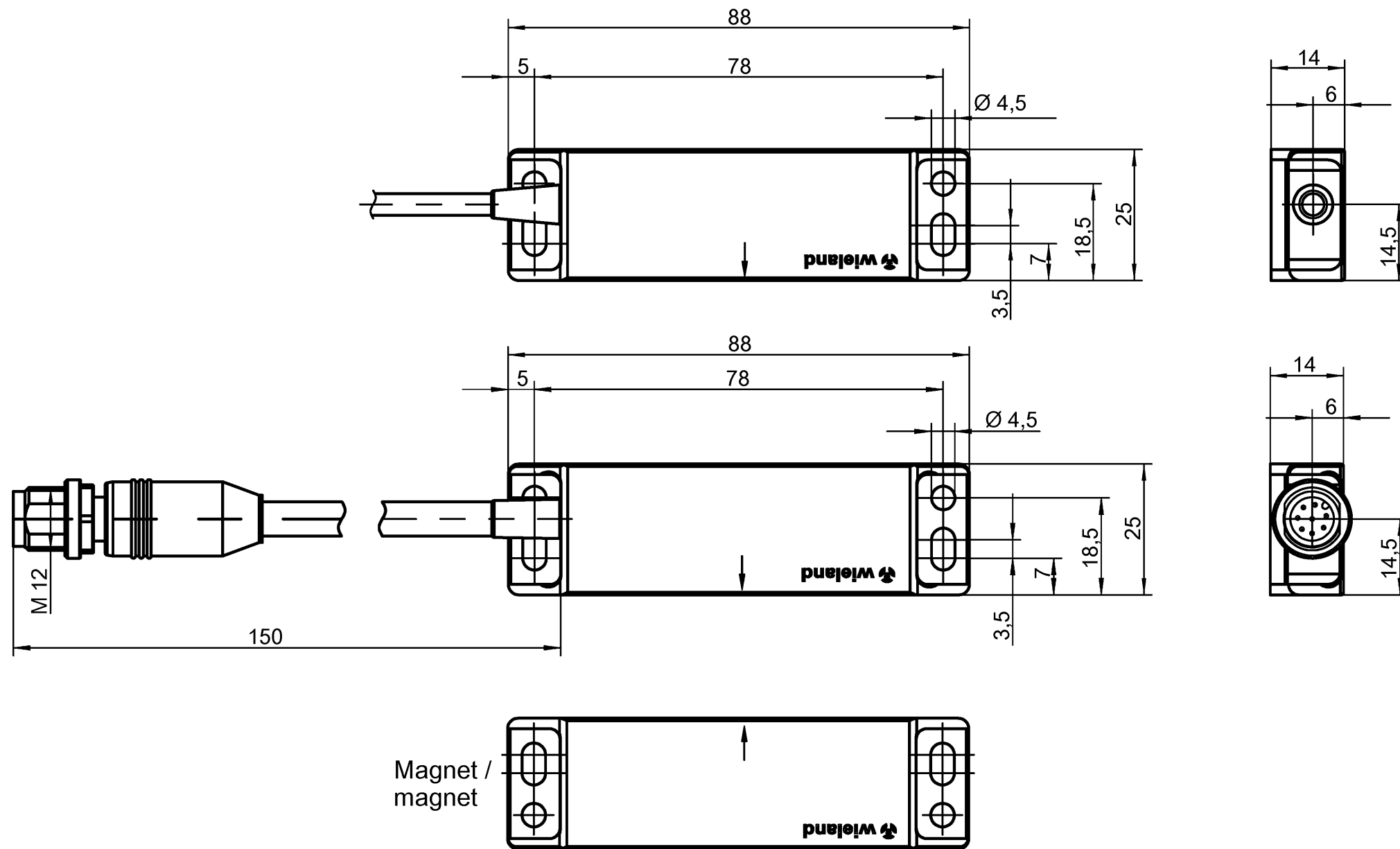
ECLASS 11	
ECLASS 8.1	27270105
ETIM 9.0	EC002544
ETIM 8.0	EC002544
ETIM 7.0	EC002544
ETIM 6.0	EC002544
ETIM 5.0	EC002544
ETIM 4.0	EC002544

product compliance

ROHS conformity status	compliant
REACH-SVHC conformity status	compliant

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



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 Datum / Blatt Date / Sheet	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

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M1
M2
M3
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G
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11.1
12.1
1.1