

## Data sheet

Commercial Art.No.: R1.100.0249.0

magnet switch set SMA 0249

safety switch and magnet, manipulation safe, rectangle-shaped design, LED,  
dimensions LxWxH: 88x25x14mm, NO/NO/NC contact, protection category: IP67,  
connection M12



Commercial Art.No.	R1.100.0249.0
EAN	4049088232367
Order Unit	1

## Technical data

### general

suitable for safety functions	yes
housing material	plastic
number of protected contact energized outputs	2
type of electric connection	cable
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 <sub>Cl</sub> (IEC 62061)	3
HFT	1
T <sub>M</sub>	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	
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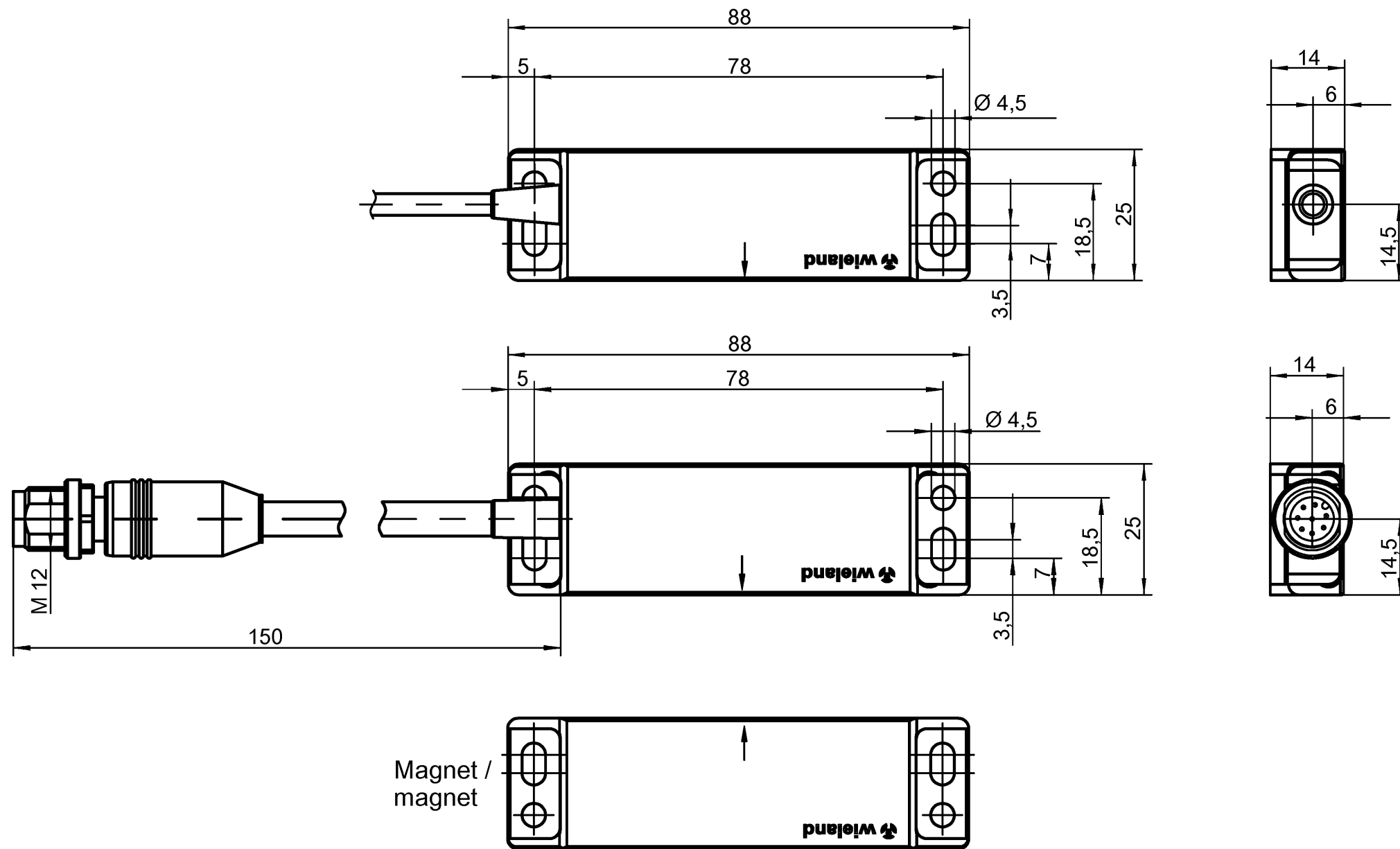
ECLASS 8.1	27270105
ETIM 9.0	EC002544
ETIM 8.0	EC002544
ETIM 7.0	EC002544
ETIM 6.0	EC002544
ETIM 5.0	EC002544
ETIM 4.0	EC002544

**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
⑤ 11.11.15			Teilespezifikation / Component specification
Index Datum / Blatt Date / Sheet	<b>wieland</b> www.wieland-electric.com		<b>SMA Magnetschalter rechteckig / Machine safety switch, rectangular</b>
Änderung / Revision			

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

Maße in mm / Dimensions are in mm

Qu - PEE 12/92

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M2  
M3  
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12.1  
1.1