

## Data sheet

Commercial Art.No.: R1.100.0613.0

magnet switch set SMA 0613

safety switch and magnet, manipulation safe, rectangle-shaped design, dimensions  
LxWxH: 88x25x14mm, normally open / normally closed contact, protection category:  
IP67, cable length: 3m



Commercial Art.No.	R1.100.0613.0
EAN	4049088175404
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
cable length	3 m
construction type housing	cuboid
protected switch distance ON	4 mm
protected switch distance OFF	16 mm
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

### dimensions

width sensor	25 mm
height of sensor	14 mm
length of sensor	88 mm

**classification**

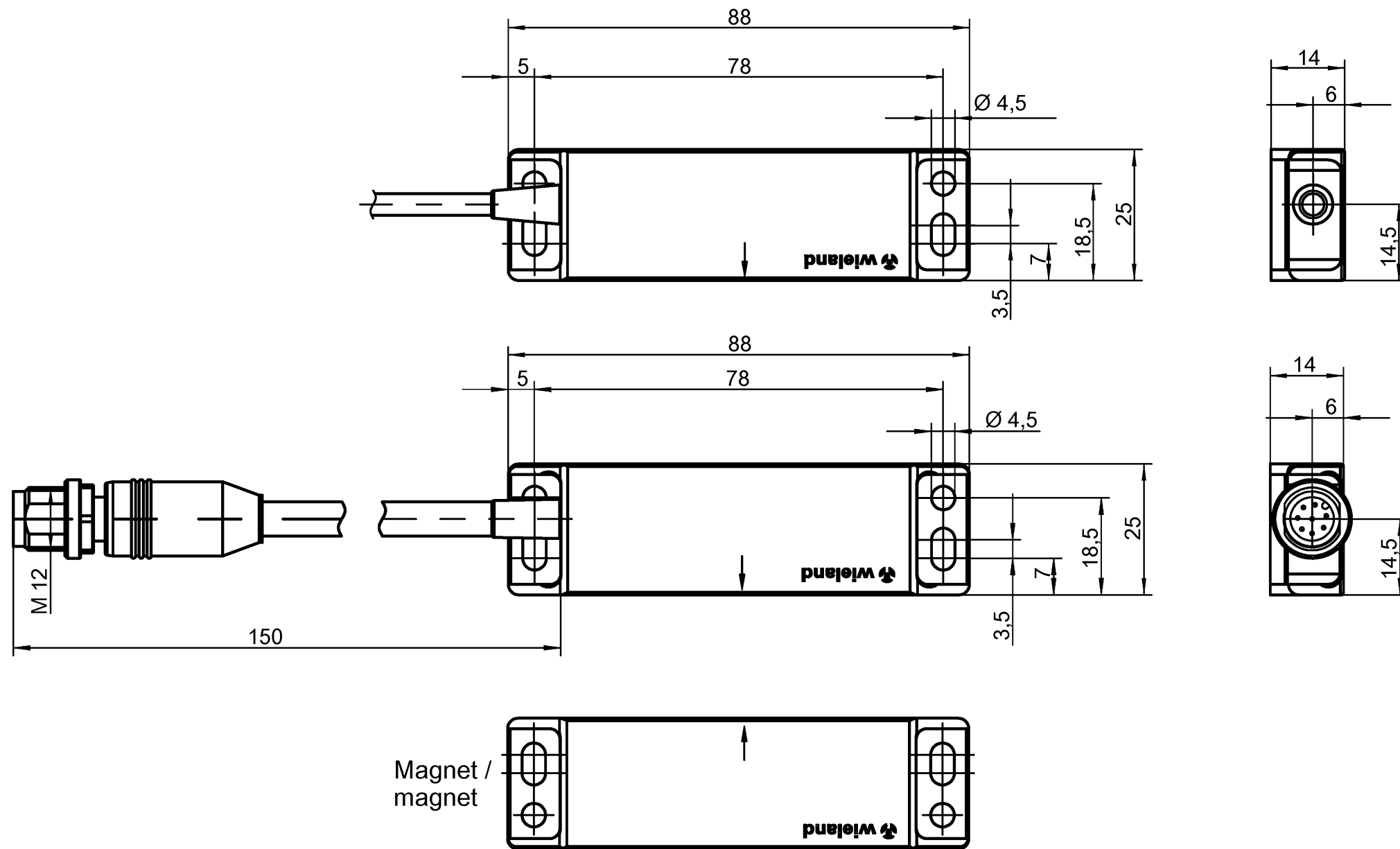
ECLASS 11	
ECLASS 8.1	27270105
ETIM 9.0	EC002544
ETIM 8.0	EC002544
ETIM 7.0	EC002544
ETIM 6.0	EC002544
ETIM 5.0	EC002544
ETIM 4.0	EC002544

**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](http://www.wieland-electric.com)  
[eshop.wieland-electric.com](http://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				wieland		Teilespezifikation / Component specification	
Index		Datum / Blatt Date / Sheet		www.wieland-electric.com		SMA Magnetschalter rechteckig / Machine safety switch, rectangular	
Änderung / Revision							