

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

| | |
|---|---------|
| suitable 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 |

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 |

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 |

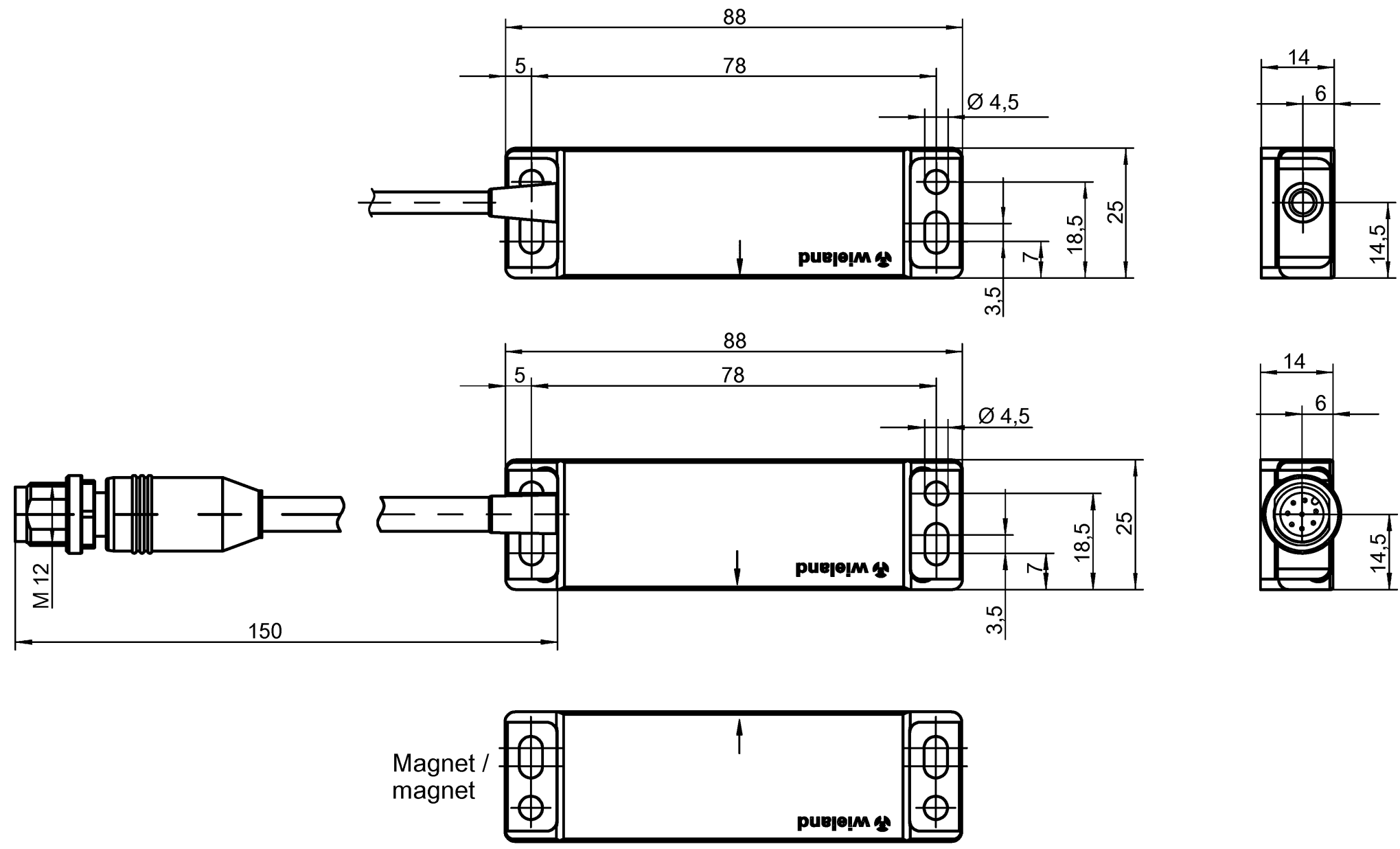
product compliance

| | |
|------------------------------|-----------|
| 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 |

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| 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 | 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
L
G
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11.1
12.1
1.1