product data sheet

item no. R1.400.0144.0

## transponder switch set STS 0144

Safe transponder switch and actuator, fully coded, Manual Start, Switching distance 8 mm, Dimensions LxWxH: 36 x 26 x 13 mm, Protection degree IP67, Connection cable 5m



| | |
|---|---|
| item no. | R1.400.0144.0 |
| EAN | 4049088306440 |
| order unit | 1 piece(s) |

### certificates / approvals

### technical data

**general**

| | |
|---|---|
| suitable for safety functions | yes |
| housing material | plastic |
| switching distance | 8 mm |
| number of protected contact energized outputs | 2 |
| type of electric connection | cable |
| cable length | 5 m |
| protected switch distance ON | 8 mm |
| protected switch distance OFF | 18 mm |
| cross-/short circuit identification possible | yes |
| degree of protection (IP) | IP67 |
| type of actuation | transponder |

**output circuit**

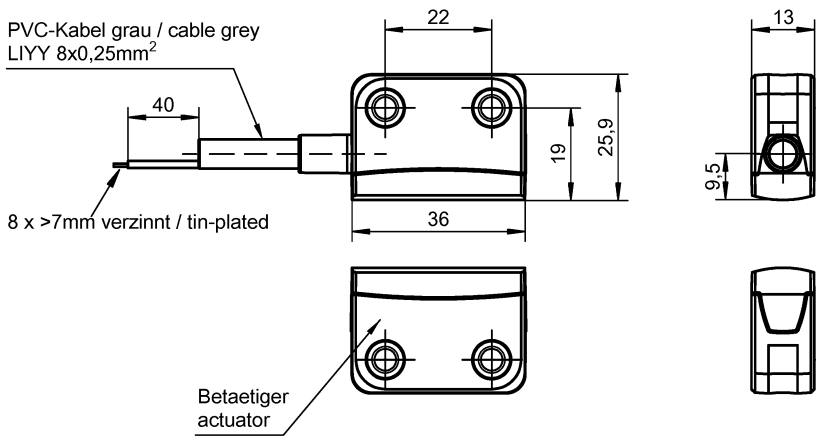
| | |
|---|---|
| max. output current at protected output | 400 mA |

**other**

| | |
|---|---|
| number of protected semiconductor outputs | 2 |

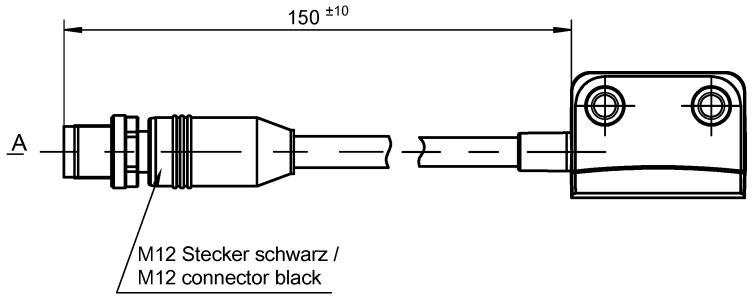
**dimensions**

| | |
|---|---|
| width sensor | 36 mm |
| height of sensor | 26 mm |
| length of sensor | 13 mm |









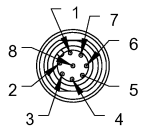

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| Teile-Nr. / Part-No. | Anschluss / connection |
|---|---|
| R1.400.0110.0 | M12-8 |
| R1.400.0113.0 | PVC cable - 3 m |
| R1.400.0114.0 | PVC cable - 5 m |
| R1.400.0116.0 | PVC cable - 10 m |
| ⓐ R1.400.0118.0 | PVC cable - 20 m |
| R1.400.0130.0 | M12-8 |
| R1.400.0133.0 | PVC cable - 3 m |
| R1.400.0134.0 | PVC cable - 5 m |
| R1.400.0136.0 | PVC cable - 10 m |
| R1.400.0150.0 | M12-8 |
| R1.400.0153.0 | PVC cable - 3 m |
| R1.400.0154.0 | PVC cable - 5 m |
| R1.400.0156.0 | PVC cable - 10 m |
| R1.400.0120.0 | M12-8 |
| R1.400.0123.0 | PVC cable - 3 m |
| R1.400.0124.0 | PVC cable - 5 m |
| R1.400.0126.0 | PVC cable - 10 m |
| R1.400.0140.0 | M12-8 |
| R1.400.0143.0 | PVC cable - 3 m |
| R1.400.0144.0 | PVC cable - 5 m |
| R1.400.0146.0 | PVC cable - 10 m |
| R1.400.0160.0 | M12-8 |
| R1.400.0163.0 | PVC cable - 3 m |
| R1.400.0164.0 | PVC cable - 5 m |
| R1.400.0166.0 | PVC cable - 10 m |
| R1.400.3110.0 | Betätiger / actuator |

Stecker / connector

| PIN | Farbe / colour | Funktion / function |
|---|---|---|
| 1 | BN | UB |
| 2 | WH | Sicherheitseingang 1 / safety input 1 |
| 3 | BU | GND |
| 4 | BK | Sicherheitsausgang 1 / safety output 1 |
| 5 | GY | Diagnoseausgang / diagnostic output |
| 6 | PK | Sicherheitseingang 2 / safety input 2 |
| 7 | VT | Sicherheitsausgang 2 / safety output 2 |
| 8 | OG | EDM/Start-Eingang / start input |

Stecker / connector
Ansicht / view "A"




M12 8-polig

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: |
|---|---|---|---|

| Index | Datum / Blatt Date / Sheet | Änderung / Revision | Werkstoff / Material | | 2015 | Tag/Date | Name |
|---|---|---|---|---|---|---|---|
| ⓐ | 29.08.17 | | Maßstab/Scale | gezeichnet drawn | | 10.11. | Koetzner |
| | | | | geprüft checked | | | |
| | | | | Normgepr. Stand. check | | | |

Zeichnung Nr. / Drawing No.
T R1.400.0110.0 01K

Maße in mm / Dimensions are in mm

Datei / File: 043951_A01K.DCD

Ersatz für / Replacement for:

wieland
www.wieland-electric.com

Type

Benennung / Title: Teilespezifikation / Component specification
Transponderschalter STS (quaderförmig)
transponder switch STS (rectangular)

Qu - PEE 12/92