product data sheet

item no. 46.032.5054.1

# device connector RST16I3/2S S1 M02 SW

RST® MINI device connector, standard, straight, M16, number of poles 2, model male, connection type screw connection, rated voltage 250 V / 400 V, rated current 16 A, color of coding/ contact carrier black



| | |
|---|---|
| item no. | 46.032.5054.1 |
| EAN | 4049088296147 |
| order unit | 100 piece(s) |

## certificates / approvals

## technical data

**note**

| | |
|---|---|
| note | RST® terminals with screw clamping allow the connection of conductors without special preparation (without ferrules) according to EN 60999-1.positioning realised with flattened thread |

**general**

| | |
|---|---|
| rated current | 16 A |
| rated voltage | 250 V / 400 V |
| pollution degree | 3 |
| rated impulse voltage | 4 kV |
| continuity resistor | 0.75 mOhm |
| lockable | self-locking (unlocking by hand) |
| color of coding/ contact carrier | black |
| Pole codification | L, N |

**connection data**

| | |
|---|---|
| connection cross section solid mm² max. | 2.5 mm² |
| connection cross section solid mm² min. | 0.25 mm² |
| connection cross section fine stranded mm² max. | 2.5 mm² |
| connection cross section fine stranded mm² min. | 0.25 mm² |
| terminations per pole | 1 |
| wire strip length | 8 mm |

**model**

| | |
|---|---|
| model | male |
| connection type | screw connection |
| connecting thread metric | M16 |
| angle of plug | straight |

| | |
|---|---|
| degree of protection (IP) | IP66/68 (3m;2h) /IP69 |
| thickness of housings (electrical device) | 0.5 mm |
| thickness of housings (electrical device) | 5 mm |

**material**

| | |
|---|---|
| housing material | polyamide |
| halogen free | yes |
| contact material | CuZn |
| fire load | 0.043 kWh/St |
| insulation components continous temperature | 100 °C |
| surface finish | silver-plated |

**dimensions**

| | |
|---|---|
| length | 35.2 mm |
| width | 19 mm |
| height | 19 mm |

## accessories

| item no. | type | description |
|---|---|---|
| 06.563.8853.1 | cover for male connector SW | RST16i3/2 cover piece, for covering unused male connectors, color black |
| 06.563.8953.1 | cover for male connector SW | RST16i3/2 cover piece, for covering unused male connectors, with fastening belt, color black |

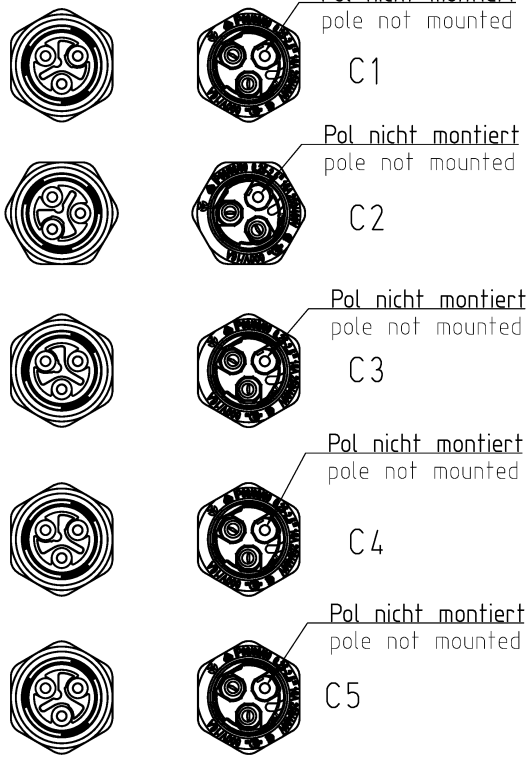
technical drawing

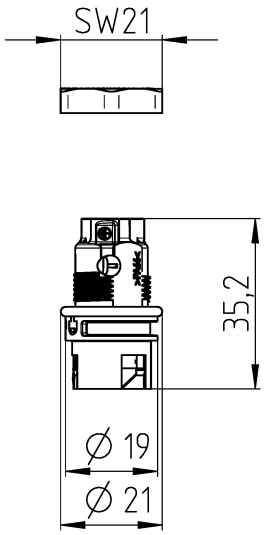
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These dimensions will be especially checked at delivery
Only inspection dimensions
With /E marked dimensions are only valid for internal use

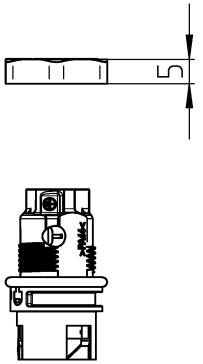
Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig

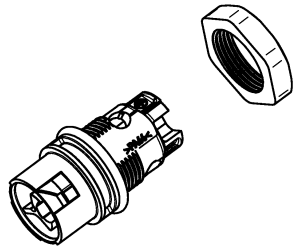
## Kodierung
/coding

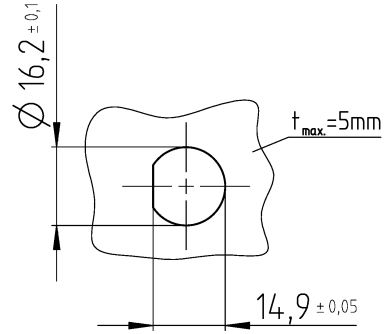



## Auslieferungszustand
delivery status






## Gehäuseausschnitt/
section of housing

| Bestellnummer /order number | Typ /type | Kodierung /coding | Farbe /color |
|---|---|---|---|
| 46.032.5051.6 | RST16i3/2S S1 M02 A TB | C5 | **türkisblau** /turquoiseblue |
| 46.032.5054.9 | RST16i3/2S S1 M02 H BL | C4 | **lichtblau** /lightblue |
| 46.032.5051.4 | RST16i3/2S S1 M02 L BR | C3 | **signalbraun** /signalbrown |
| 46.032.5056.7 | RST16i3/2S S1 M02 GN | C2 | **laubgrün** /leaf green |
| 46.032.5054.1 | RST16i3/2S S1 M02 SW | C1 | **schwarz** /black |
| 46.032.5054.0 | RST16i3/2S S1 M02 GL | C1 | **lichtgrau** /lightgrey |

Weitere Daten siehe KATALOG oder eKatalog.
Additional data see CATALOG or eCatalog.

www.wieland-electric.com
eshop.wieland-electric.com

Tolerierung Size ISO 14405 Ⓔ / Tolerance system Size ISO 14405 Ⓔ.
(This ISO-standard describes the envelope principle. According to the envelope principle the deviations of form and parallelism are limited by the size tolerances).

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: 1 von 1
Sheet: 1 of 1

Werkstoff / Material

Maßstab / Scale: 1:1

| | Tag/Date | Name |
|---|---|---|
| gezeichnet drawn | 12.07.2016 | Hollet |
| geprüft checked | | |
| Norm gepr. Stand. check | | |

Zeichnung Nr. / Drawing No.: 46.032.5054.0 13K

Index: c

Maße in mm / Dimensions are in mm

Vol. mm³ Ofl./Srf. mm²

Ersatz für / Replacement for:

| Index | Datum / Blatt Date / Sheet | Änderung / Revision |
|---|---|---|
| c | 01.09.2026 / | |
| b | 09.05.2019 / | |

wieland
www.wieland-electric.com

Type: RST16I2

Bennenung/Title

# STECKERTEIL

Geräteanschluss, 2polig^M
male connector, device connection, 2pole

2026-10-21 11:02:09 1.000

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