product data sheet

item no. 4L.031.4041.4

## device connector RST08i3 S 11 M02HL SG

RST® MICRO device connector, standard, straight, M14, number of poles 3, model female, connection type screw connection, rated voltage 50 V / 120 V, rated current 8 A, longitudinal sealing yes, color of coding/ contact carrier slate grey



| | |
|---|---|
| item no. | 4L.031.4041.4 |
| EAN | 4049088482021 |
| order unit | 50 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 threadUse only one connector with contact sealing - either male or female connector. |

**general**

| | |
|---|---|
| rated current | 8 A |
| rated voltage | 50 V / 120 V |
| pollution degree | 3 |
| mechanical coding | yes |
| rated impulse voltage | 2.5 kV |
| continuity resistor | 0.55 mOhm |
| lockable | self-locking (unlocking by hand) |
| color of coding/ contact carrier | slate grey |
| marking of poles | 1, 2, 3 |

**connection data**

| | |
|---|---|
| connection cross section solid mm² max. | 1 mm² |
| connection cross section solid mm² min. | 0.2 mm² |
| connection cross section fine stranded mm² max. | 1 mm² |
| connection cross section fine stranded mm² min. | 0.22 mm² |
| terminations per pole | 1 |
| wire strip length | 6 mm |

**model**

| | |
|---|---|
| model | female |
| connection type | screw connection |
| connecting thread metric | M14 |
| angle of plug | straight |
| degree of protection (IP) | IP66/68 (3m;2h) /IP69 |
| longitudinal sealed | yes |
| thickness of housings (electrical device) | 0.5 mm |
| thickness of housings (electrical device) | 4 mm |

**material**

| | |
|---|---|
| housing material | polyamide |

| | |
|---|---|
| halogen free | yes |
| contact material | CuZn |
| fire load | 0 kWh/St |
| insulation components continous temperature | 100 °C |
| surface finish | silver-plated |

**dimensions**

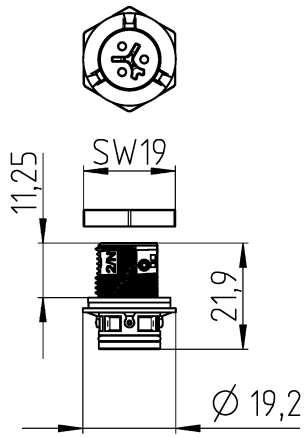
| | |
|---|---|
| length | 21.9 mm |
| width | 19.2 mm |
| height | 19.2 mm |

## accessories

| item no. | type | description |
|---|---|---|
| 06.563.5053.1 | cover for female connector SW | RST08i3/2 cover piece, for covering unused female connectors, with fastening belt, color black |
| 06.502.6100.0 | allen key RST MICRO SW 0,9 | Allen Key for screw terminals RST® MICRO |
| 06.502.6300.0 | screwdriver RST MICRO SW 0,9 | Screwdriver (hexagonal wrench 0.9) for RST® MICRO |

technical drawing

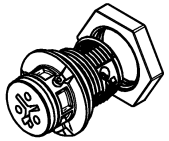
Gezeichnete Ausführung/*drawn version*
41.031.4053.1




Auslieferungszustand/
*delivery condition*



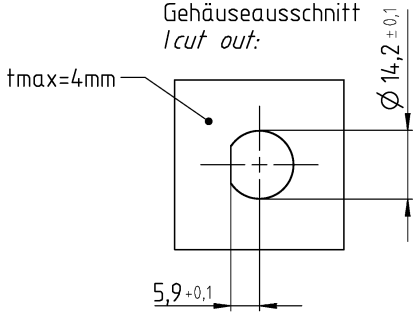




| Teile-Nr. */part-no.* | Type | Kodierung */coding* |
|---|---|---|
| 41.031.4053.1 | RST08i3 S B1 M02H SW | C1 |
| 4L.031.4053.1 | RST08i3 S 11 M02H SW | |
| 41.031.4043.9 | RST08i3 S B1 M02H BL | C2 |
| 4L.031.4043.9 | RST08i3 S 11 M02H BL | |
| 41.031.4041.4 | RST08i3 S B1 M02HL SG | C3 |
| 4L.031.4041.4 | RST08i3 S 11 M02HL SG | |
| 41.031.4051.8 | RST08i3 S B1 M02HL KG | C4 |
| 4L.031.4051.8 | RST08i3 S 11 M02HL KG | |
| 41.021.4043.1 | RST08i3/2S B1 M02H SW | C1 |
| 4L.021.4043.1 | RST08i3/2S 11 M02H SW | |
| 41.021.4043.9 | RST08i3/2S B1 M02H BL | C2 |
| 4L.021.4043.9 | RST08i3/2S 11 M02H BL | |
| 41.021.4041.4 | RST08i3/2S B1 M02HL SG | C3 |
| 4L.021.4041.4 | RST08i3/2S 11 M02HL SG | |
| 41.021.4041.8 | RST08i3/2S B1 M02HL KG | C4 |
| 4L.021.4041.8 | RST08i3/2S 11 M02HL KG | |

●=Pol nicht bestückt
*/pole not mounted*

Gehäuseausschnitt
*/cut out:*




Weitere Daten siehe KATALOG oder eKatalog | www.wieland-electric.com
additional data see CATALOG or eCATALOG | eshop.wieland-electric.com

Tolerierung Size ISO 14405 Ⓔ / Tolerance system Size ISO 14405 Ⓔ.
(This ISO-standard describes the envolope principle. According to the envolope 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

Vol. mm³ Oft./Srf. mm²

| | Tag/Date | Name |
|---|---|---|
| gezeichnet / drawn | 22.02.2018 | Hollet |
| geprüft / checked | | |
| Normgepr. Stand. check | | |

Zeichnung Nr. / Drawing No.: 41.031.4053.1 13K

Index: a

Maße in mm / Dimensions are in mm

Ersatz für / Replacement for:

| Index | Datum / Blatt / Date / Sheet | Änderung / Revision |
|---|---|---|
| a | 12.03.2020 / | |

wieland
www.wieland-electric.com

Type: RSTmicro

Bennenung/Title: BUCHSENTEIL_GA
female device connector

Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße

Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig

These dimensions will be especially checked at delivery
Only inspection dimensions

With /E marked dimensions are only valid for internal use

Weitergabe sowie Vervielfältigung dieses Dokuments, Verwertung und Mitteilung seines Inhalts sind verboten, soweit nicht ausdrücklich gestattet.
The reproduction, distribution and utilization of this document as well as the communication of its contents to others without express authorization is prohibited.