product data sheet

item no. 96.031.6153.0

# device connector RST20I3S B1 M03 GL

RST® CLASSIC device connector, modular, straight, M16, number of poles 3, model female, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier light grey

| | |
|---|---|
| item no. | 96.031.6153.0 |
| EAN | 4015573904866 |
| 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 | 20 A |
| rated voltage | 250 V |
| pollution degree | 3 |
| rated impulse voltage | 4 kV |
| continuity resistor | 0.55 mOhm |
| lockable | self-locking (unlocking by tool) |
| color of coding/ contact carrier | light grey |
| marking of poles | L, N, PE |
| color of separate adapter (if present) | light grey |

**connection data**

| | |
|---|---|
| connection cross section solid mm² max. | 6 mm² |
| connection cross section solid mm² min. | 0.75 mm² |
| connection cross section fine stranded mm² max. | 6 mm² |
| connection cross section fine stranded mm² min. | 0.75 mm² |
| terminations per pole | 1 |
| wire strip length | 8 mm |

**model**

| | |
|---|---|
| model | female |
| 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) | 8 mm |

**material**

| | |
|---|---|
| housing material | polyamide |
| halogen free | yes |
| contact material | CuZn |
| fire load | 0.199 kWh/St |
| insulation components continous temperature | 100 °C |
| surface finish | silver-plated |

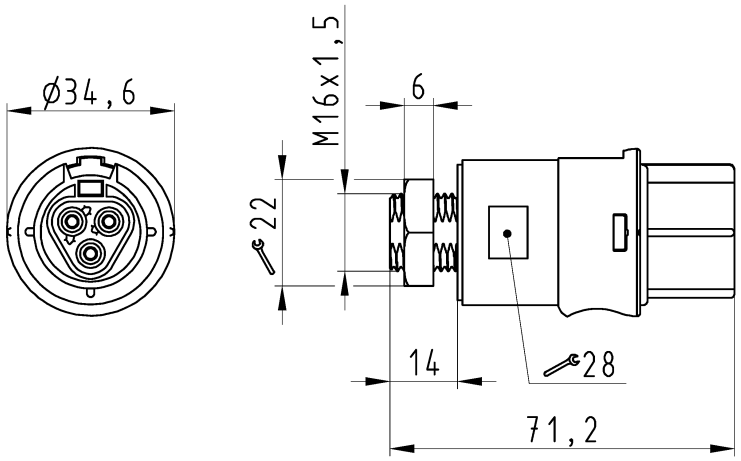
**dimensions**

| | |
|---|---|
| length | 71.2 mm |
| width | 34.6 mm |
| height | 34.6 mm |

## accessories

| item no. | type | description |
|---|---|---|
| 99.413.6205.2 | cover for female connector GL | RST20i3/2 cover piece, for covering unused female connectors, with fastening belt, color light grey |
| Z5.564.4553.0 | cover for female connector GL | RST20i3/2 cover piece, for covering unused female connectors, color light grey |

technical drawing

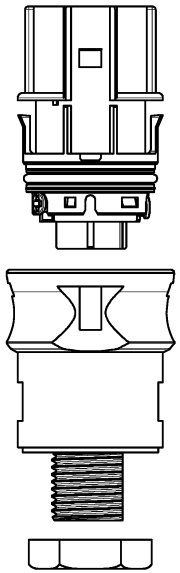



These dimensions will be especially checked at delivery
Only inspection dimensions
With /E marked dimensions are only valid for internal use

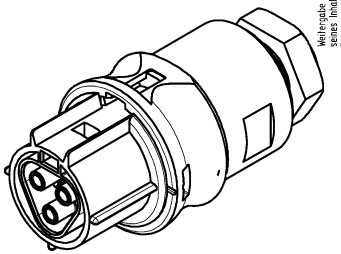
Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig

# Auslieferungszustand

delivery status



Verpackungseinheit: je 100 Stück
packaging unit: per 100



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| Bestellnummer /Order number | Typ /Type | Farbe /color |
|---|---|---|
| 96.031.6153.1 | RST2013S B1 M03 SW | schwarz /black |
| 96.031.6153.0 | RST2013S B1 M03 GL | lichtgrau /lightgrey |

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

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

Oeffnungsmassbild siehe 96.031.2153.1 14K
opening dimension see 96.031.2153.1 14K

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: Sheet: 1 von of 1

Werkstoff/Material

Maßstab/Scale 1:1

| | Tag/Date | Name |
|---|---|---|
| 2015 gezeichnet drawn | 21.07. | HoffmannT |
| geprüft checked | - | - |
| Normgepr. Stand. check | - | - |

Zeichnung Nr./Drawing No. T 96.031.6153.0 13K

Index

Maße in mm/Dimensions are in mm

Vol. mm³ Ofl./Surf. mm²

Ersatz für/Replacement for: -

Index / Datum / Blatt Date / Sheet

Änderung/Revision

wieland
www.wieland-electric.com

Type

Benennung/Title

BUCHSENTEIL
female connector

960316153013K_1 CADW3034 HoffmannT 2015-07-24T13:43:33 1.000

QU-MEE-01/14 -