product data sheet

item no. 96.133.2053.0

## device connector RST20I3C B1 M90 GL

RST20i3 Device connector, modular, angled 90°, M20, number of poles 3, model female, connection type Crimp, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier light grey



| | |
|---|---|
| item no. | 96.133.2053.0 |
| EAN | 4049088189944 |
| order unit | 100 piece(s) |

### certificates / approvals

### technical data

**note**

| | |
|---|---|
| note | crimp contacts have to ordered separately (under fits with)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 fine stranded mm² max. | 4 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 | crimp |
| connecting thread metric | M20 |
| angle of plug | square |
| inclination | 90 ° |

| | |
|---|---|
| degree of protection (IP) | IP66/68 (3m;2h) /IP69 |
| thickness of housings (electrical device) 2 | 0.5 mm |
| thickness of housings (electrical device) | 8 mm |

**material**

| | |
|---|---|
| housing material | polyamide |
| halogen free | yes |
| contact material | CuZn |
| fire load | 0.237 kWh |
| surface finish | silver-plated |

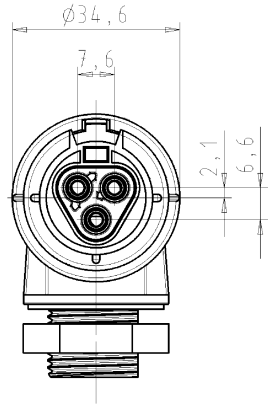
**dimensions**

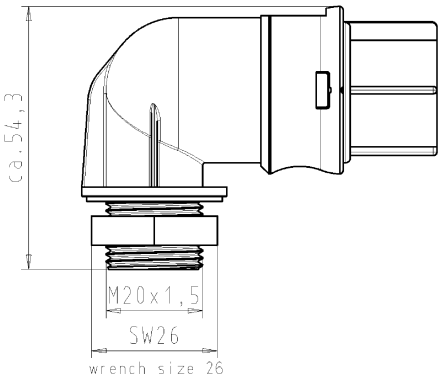
| | |
|---|---|
| length | 73.4 mm |
| width | 34.6 mm |
| height | 54.3 mm |

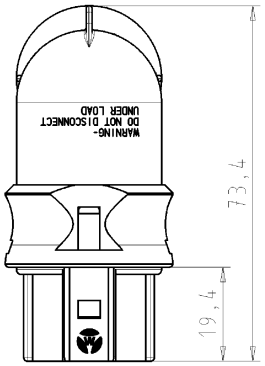
## accessories

| 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 |
| 02.122.9000.0 | female contact CRIMP RST20i2/i3 1,0QMM | RST20i3/2 crimp contact, female, 20A, for cross section 1.0 mm²/AWG17 |
| 02.122.9100.0 | female contact CRIMP RST20i2/i3 1,5QMM | RST20i3/2 crimp contact, female, 20A, for cross section 1.5 mm²/AWG16 |
| 02.122.9200.0 | female contact CRIMP RST20i2/i3 2,5QMM | RST20i3/2 crimp contact, female, 20A, for cross section 2.5 mm²/AWG14 |
| 02.122.9300.0 | female contact CRIMP RST20i2/i3 4,0QMM | RST20i3/2 crimp contact, female, 20A, for cross section 4.0 mm²/AWG12 |

technical drawing



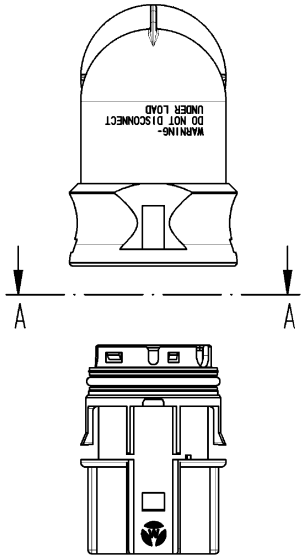




Schnitt/section A-A

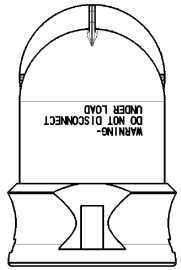


## Auslieferungszustand
## delivery status

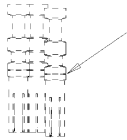


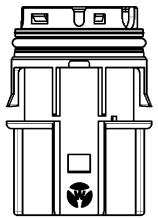

Verpackungseinheit je 100 Stück
packaging unit: per 100 piece

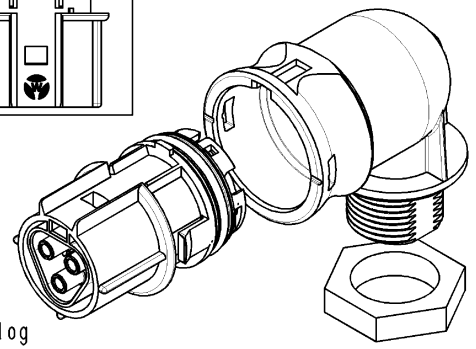
## Bestellhinweis
## order info



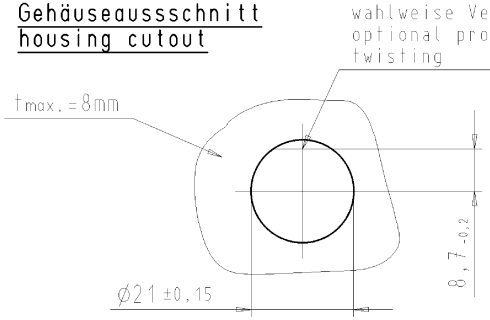

Bitte separat bestellen
Buchsenkontakte
female contact
must be ordered separately:
02.122.9000.0 (0,75-1□)
02.122.9100.0 (1,5□)
02.122.9200.0 (2,5□)
02.122.9300.0 (4,0□)







## Gehäuseaussschnitt
## housing cutout




Weitere Daten siehe Katalog
further data see catalog

| order-no. | Farbe/Color: | Type |
|---|---|---|
| 96.133.2053.1 | schwarz/black, ähnl./similar RAL 9005 | RST2013C B1 M90 SW |
| 96.133.2053.0 | lichtgrau/lightgrey, ähnl./similar RAL 7035 | RST2013C B1 M90 GL |

Zulässige Abweichungen nach DIN 7167/Permissible deviations acc. to DIN 7167. (This DIN-standard desbribes 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 UU-TOM-05/03 ist einzuhalten. Conformity with Wieland document UU-TOM-05/03 (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

| | 2013 | Tag/Date | Name |
|---|---|---|---|
| gezeichnet / drawn | | 10.01. | Schmitt J. |
| geprüft / checked | | - | - |
| Normgepr. Stand. check | | - | - |

Zeichnung Nr./Drawing No. T 96.133.2053.0 01K — Index

Maße in mm/Dimensions are in mm

Vol. mm³ Oft./Surf. mm²

Ersatz für/Replacement for: -

Index | Datum / Blatt Date / Sheet | Änderung/Revision

wieland — Elektrische Verbindungen

Type

Benennung/Title

BUCHSENADAPTER_90GRAD

female connector adapter M20
für Crimpanschluß / for crimp connection

96133205300 1K_2 CAD\3D\29 Schmitt 2015-02-06 08:17:20 1.000

OU-PEM-08/91b

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

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