product data sheet

item no. 96.131.2053.0

device connector RST20I3C B1 M00 GL

RST® CLASSIC device connector, modular, straight, 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.	96.131.2053.0
EAN	4049088187100
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
Pole codification	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	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 kWh/St
surface finish	silver-plated

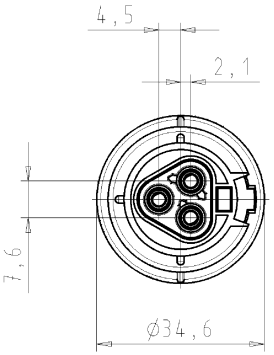
dimensions

length	68.2 mm
width	35 mm
height	35 mm

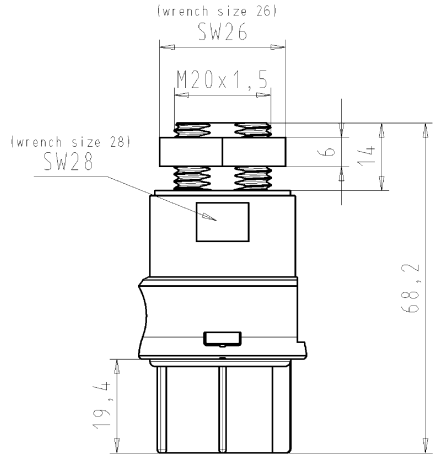
accessories

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

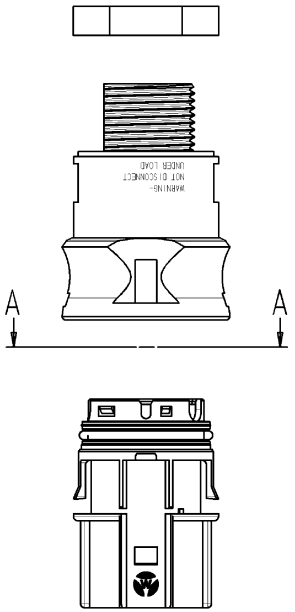


These dimensions will be especially checked at delivery
Only inspection dimensions
With /E marked dimensions are only valid for internal use



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

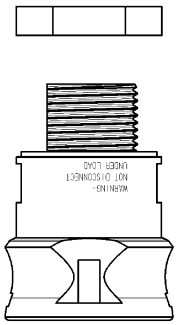
Auslieferungszustand
delivery status

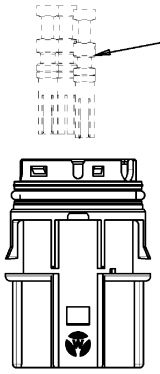


A-A



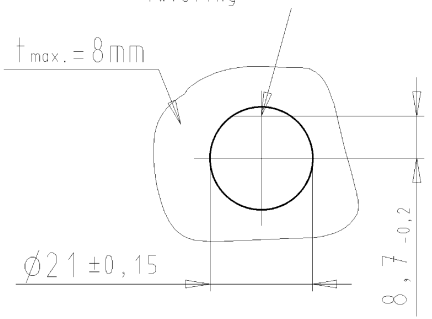
Bestellhinweis
order info



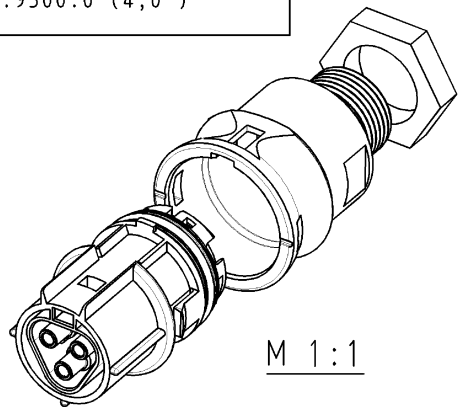


Bitte separat bestellen:
Buchsenkontakte
female contact
must be ordered separately:
02.122.9000.0 (0,75-1 □)
02.122.9100.0 (1,5 □)
02.122.9200.0 (2,5 □)
02.122.9300.0 (4,0 □)

wahlweise Verdrehsicherung
optional protection against twisting



Weitergabe sowie Vervielfältigung dieses Dokuments, Verwertung und Mitteilung seines Inhalts sind verboten, soweit nicht ausdrücklich gestattet. Zuwiderhandlungen verpflichten zu Schadenersatz. All rights reserved. Any reproduction, exploitation or communication of its contents to others without express authorization is prohibited.



M 1:1

Verpackungseinheit je 100 Stück
packaging unit per 100 piece

Teilenr. part.-nr.	Farbe color:	Type
96.131.2053.1	schwarz, ähnl. RAL 9005 black, similar to RAL 9005	RST2013C B1 M00 SW
96.131.2053.0	lichtgrau, ähnl. RAL 7035 lightgrey, similar to RAL 7035	RST2013C B1 M00 GL

Tolerierung nach DIN 7167/Tolerance system 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: Sheet: 1 von of 1

Werkstoff/Material: Farbe: siehe Tabelle / color: look table

Maßstab/Scale: 1:1

Vol. mm³ Oft./Surf. mm²

	Tag/Date	Name
2013		
gezeichnet drawn	04.01.	Ritter
geprüft checked	-	-
Normgeprüft Stand. check	-	-

Zeichnung Nr./Drawing No.: T 96.131.2053.0 01K — Index

Maße in mm/Dimensions are in mm

Ersatz für/Replacement for: -

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

wieland — Elektrische Verbindungen

Type

Benennung/Title

BUCHSENADAPTER

für Crimpanschluss/ for crimp connection
female connector

OU-PEM-08/91

96131205300 1K_2 CADW3025 Ritter 2013-01-10T10:28:35 1.000