product data sheet

item no. 96.132.2053.0

device connector RST20I3C S1 M00V GL

RST® CLASSIC device connector, modular, straight, M20, number of poles 3, model male, connection type crimp, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier light grey



item no.	96.132.2053.0
EAN	4049088187155
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	male
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
insulation components continous temperature	100 °C
surface finish	silver-plated

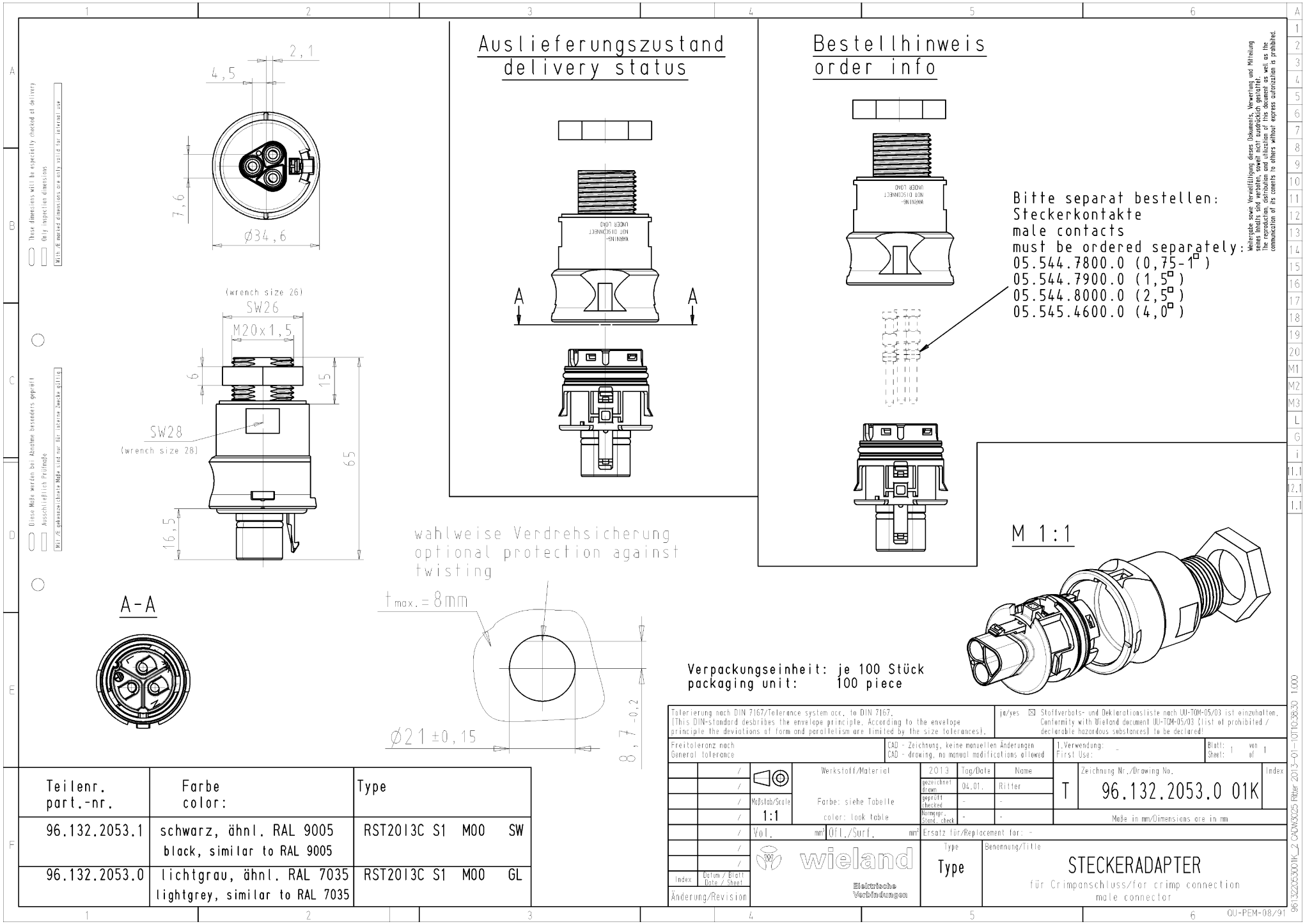
dimensions

length	65.3 mm
width	35 mm
height	35 mm

accessories

item no.	type	description
05.564.4453.0	cover for male connector GL	RST20i3/2 cover piece, for covering unused male connectors, color light grey
99.415.6205.2	cover for male connector GL	RST20i3/2 cover piece, for covering unused male connectors, with fastening belt, color light grey
05.544.7800.0	male contact CRIMP RST20i2/i3 1,0QMM	RST20i3/2 crimp contact, male, 20A, for cross section 1.0 mm²/AWG17
05.544.7900.0	male contact CRIMP RST20i2/i3 1,5QMM	RST20i3/2 crimp contact, male, 20A, for cross section 1.5 mm²/AWG16
05.544.8000.0	male contact CRIMP RST20i2/i3 2,5QMM	RST20i3/2 crimp contact, male, 20A, for cross section 2.5 mm²/AWG14
05.545.4600.0	male contact CRIMP RST20i2/i3 4,0QMM	RST20i3/2 crimp contact, male, 20A, for cross section 4.0 mm²/AWG12

technical drawing



Teilenr. part.-nr.	Farbe color:	Type
96.132.2053.1	schwarz, ähnl. RAL 9005 black, similar to RAL 9005	RST2013C S1 M00 SW
96.132.2053.0	lichtgrau, ähnl. RAL 7035 lightgrey, similar to RAL 7035	RST2013C S1 M00 GL

Toleranzierung 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: 1 von 1 Sheet: 1 of 1

Werkstoff/Material

Farbe: siehe Tabelle
color: look table

Maßstab/Scale 1:1

Vol. mm³ Oft./Surf. mm²

2013 Tag/Date Name

gezeichnet drawn 04.01. Ritter

geprüft checked - -

Normgeprüft Stand. check - -

Zeichnung Nr./Drawing No. T 96.132.2053.0 01K Index

Maße in mm/Dimensions are in mm

Ersatz für/Replacement for: -

Index Datum / Blatt Date / Sheet Änderung/Revision

wieland Elektrische Verbindungen

Type Type

Benennung/Title

STECKERADAPTER

für Crimpanschluss/for crimp connection male connector

OU-PEM-08/91

96132053001K_2 CADW3025 Ritter 2013-01-10T10:38:30 1.000

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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