product data sheet

item no. 96.131.2153.0

device connector RST20I3C B1 M03 GL

RST® CLASSIC device connector, modular, straight, M16, 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.	96.131.2153.0
EAN	4049088187223
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	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	0.197 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

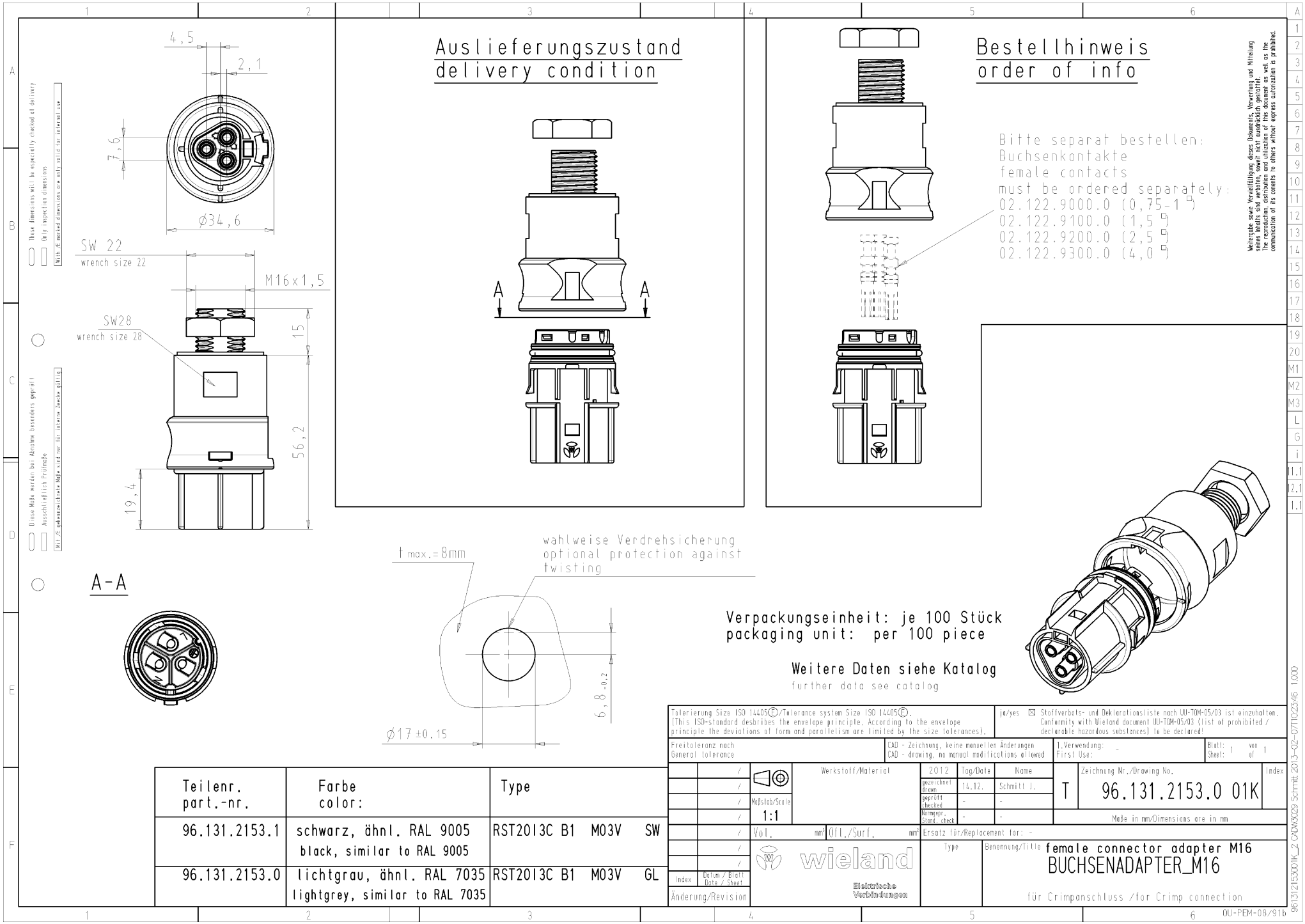
dimensions

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
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



Teilenr. part.-nr.	Farbe color:	Type
96.131.2153.1	schwarz, ähnl. RAL 9005 black, similar to RAL 9005	RST2013C B1 M03V SW
96.131.2153.0	lichtgrau, ähnl. RAL 7035 lightgrey, similar to RAL 7035	RST2013C B1 M03V GL

Toleranzierung Size ISO 14405Ⓔ/Tolerance system Size ISO 14405Ⓔ. (This ISO-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

Maßstab/Scale 1:1

Vol. mm³ Oft./Surf. mm²

Ersatz für/Replacement for: -

	2012	Tag/Date	Name
gezeichnet drawn		14.12.	Schmitt J.
geprüft checked		-	-
Normgepr. Stand. check		-	-

Zeichnung Nr./Drawing No. T 96.131.2153.0 01K

Index

Maße in mm/Dimensions are in mm

Type

Benennung/Title female connector adapter M16
BUCHSENADAPTER_M16

für Crimpanschluss /for Crimp connection

wieland
Elektrische Verbindungen

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

96131215300IK_2 CADW3029 Schmitt 2015-02-07 1102346 1.000

UU-PEM-08/91b