product data sheet

item no. 96.135.2153.0

device connector RST20I3C B1 M13 GL

RST20i3 Device connector, modular, angled 7°, 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.	96.135.2153.0
EAN	4049088189920
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	M16
angle of plug	angled
inclination	7 °
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	0.23 kWh
surface finish	silver-plated

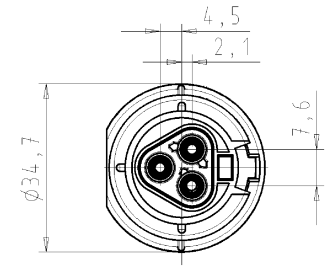
dimensions

length	87 mm
width	34.6 mm
height	34.6 mm

accessories

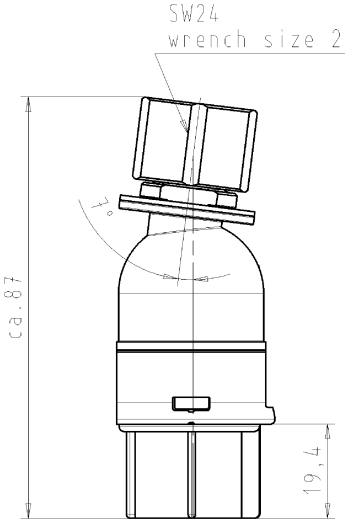
item no.	type	description
99.413.6205.2	cover for female connector GL	RST20i3/2 cover piece, for covering unused female connectors, with fastening belt, color light grey
Z5.564.4553.0	cover for female connector GL	RST20i3/2 cover piece, for covering unused female connectors, color light grey
02.122.9000.0	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



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

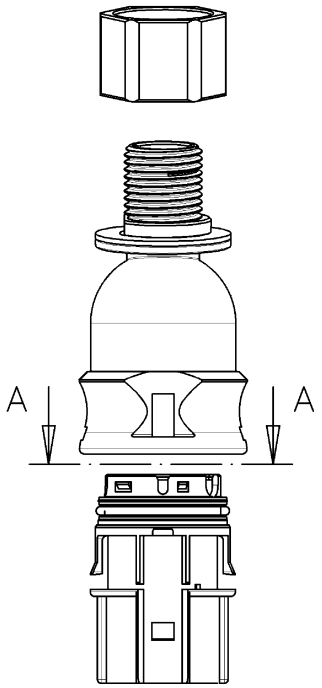
Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig



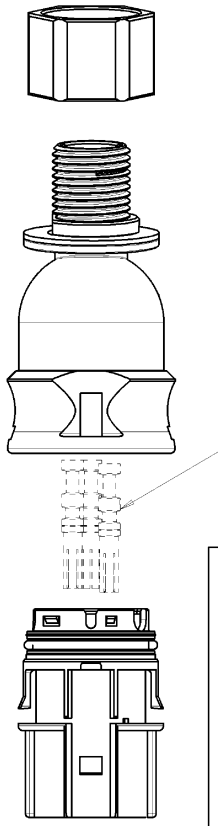
A-A



Auslieferungszustand
delivery status



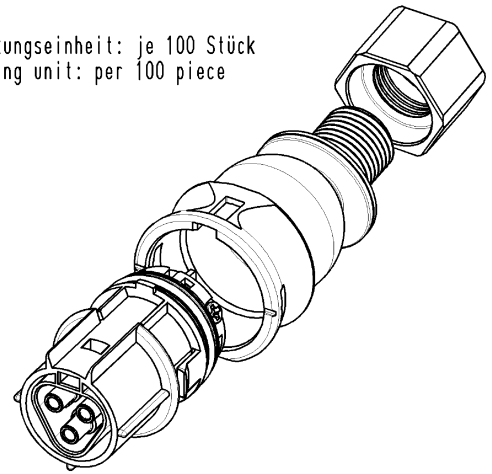
Bestellhinweis
order info



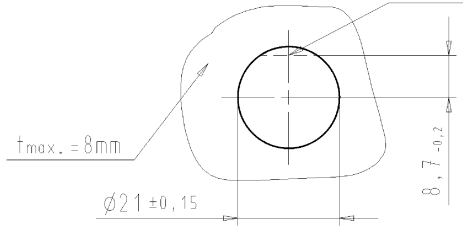
Bitte separat bestellen:
Buchsenkontakte
female contact
must be ordered separately:
02.122.9000.0 (0,75-1 qmm)
02.122.9100.0 (1,5 qmm)
02.122.9200.0 (2,5 qmm)
02.122.9300.0 (4,0 qmm)

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Verpackungseinheit: je 100 Stück
packaging unit: per 100 piece



wahlweise Verdrehsicherung
optional protection against twisting



Weitere Daten siehe Katalog
further data see catalog

Teile-Nr./ part-nr.	Farbe:/ color:	Type
96.135.2153.1	schwarz, ähnl. RAL 9005/ black, similar to RAL 9005	RST2013C B1 M13V SW
96.135.2153.0	lichtgrau, ähnl.RAL 7035/ lightgrey, similar to RAL 7035	RST2013C B1 M13V GL

Tolerierung 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

	Tag/Date	Name
2012 gezeichnet drawn	19.12.	Schmitt J.
geprüft checked	-	-
Normgepr. Stand. check	-	-

Zeichnung Nr./Drawing No. T 96.135.2153.0 01K

Index

Maße in mm/Dimensions are in mm

Ersatz für/Replacement for: -

Type

Benennung/Title

BUCHSENADAPTER_M16_7GRAD

female adapter M16 7°

für Crimpanschluss / for crimp connection

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

wieland Elektrische Verbindungen

DU-PEM-08/91b

96135215300IK_2 CADW3029 Schmitt 2015-02-07T10:28:29 1.000