product data sheet

item no. 96.136.2153.0

device connector RST20I3C S1 M13V GL

RST20i3 Device connector, modular, angled 7°, M16, 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.	96.136.2153.0
EAN	4049088189937
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	male
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	0.208 kWh
insulation components continous temperature	100 °C
surface finish	silver-plated

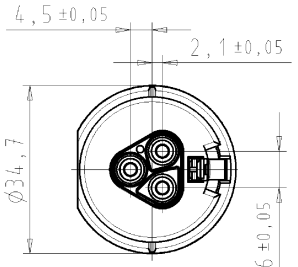
dimensions

length	84 mm
width	34.6 mm
height	34.6 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



These dimensions will be especially checked at delivery

Only inspection dimensions

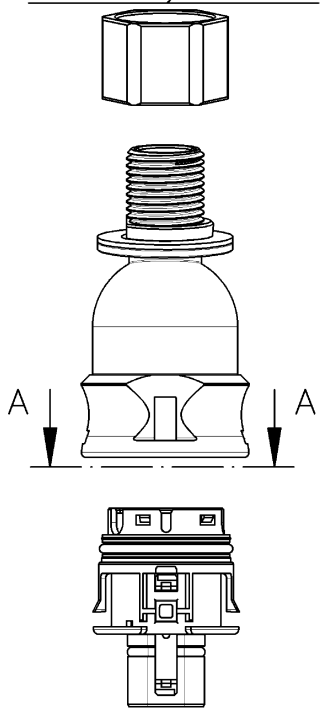
With "E" marked dimensions are only valid for internal use

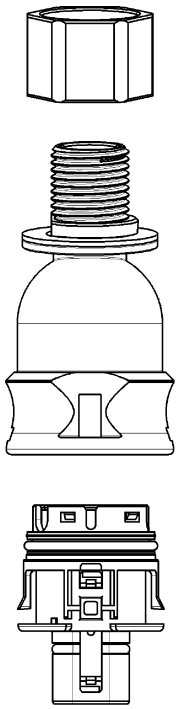
Diese Maße werden bei Abnahme besonders geprüft

Ausschließlich Prüfmaße

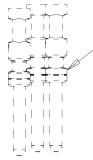
Mit "E" gekennzeichnete Maße sind nur für interne Zwecke gültig

Auslieferungszustand
delivery status

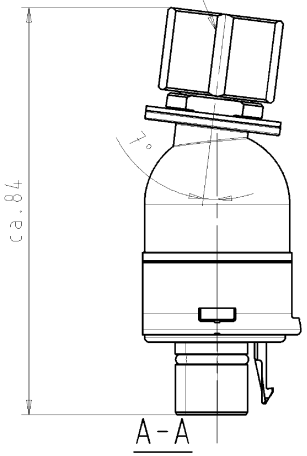




Bitte separat bestellen:
Steckerkontakte
male contacts
must be ordered separately:
05.544.7800.0 (0,75-1)
05.544.7900.0 (1,5 q)
05.544.8000.0 (2,5 q)
05.545.4600.0 (4,0 q)

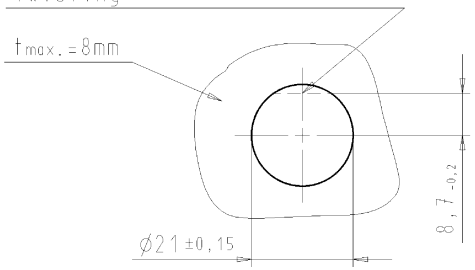


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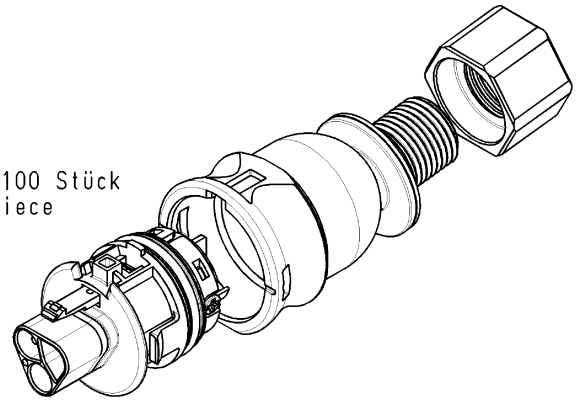




wahlweise Verdrehsicherung
optional protection against twisting



Verpackungseinheit: je 100 Stück
packing unit: per 100 piece



Teile-Nr./ part-nr.	Farbe:/ color:	Type
96.136.2153.1	schwarz, ähnl. RAL 9005/ black, similar to RAL 9005	RST2013C S1 M13V SW
96.136.2153.0	lichtgrau, ähnl.RAL 7035/ lightgrey, similar to RAL 7035	RST2013C S1 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

	2013	Tag/Date	Name
gezeichnet drawn		09.01.	Schmitt J.
geprüft checked		-	-
Normgepr. Stand. check		-	-

Zeichnung Nr./Drawing No. T 96.136.2153.0 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

STECKERADAPTER_M16_7GRAD_1

male adapter M16 7°

für Crimpanschluß / for crimp connection

OU-PEM-08/91b

96136215300IK_2 CADW3029 Schmitt 2015-02-07 1:1.000