product data sheet

item no. 96.134.2053.0

device connector RST20I3C S1 M90V GL

RST20i3 Device connector, modular, angled 90°, 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.	96.134.2053.0
EAN	4049088189975
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	M20
angle of plug	square
inclination	90 °
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	0.215 kWh
insulation components continous temperature	100 °C
surface finish	silver-plated

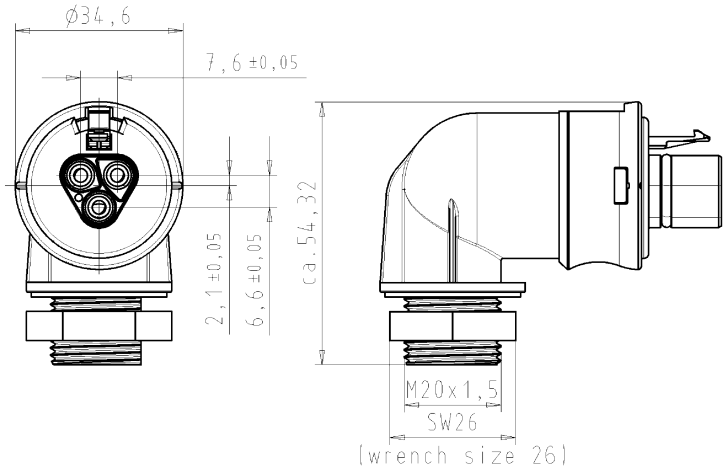
dimensions

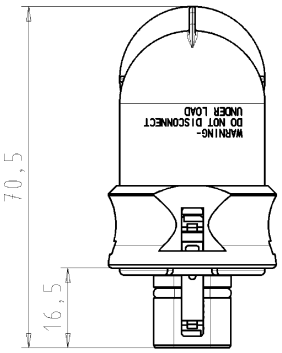
length	70.5 mm
width	34.6 mm
height	54.3 mm

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

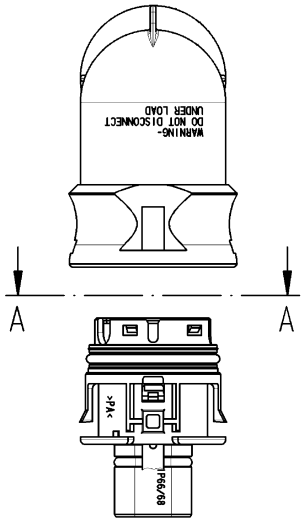




Schnitt/selection A-A

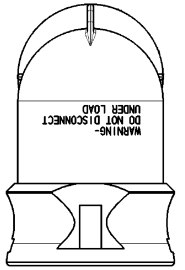


Auslieferungszustand
delivery status



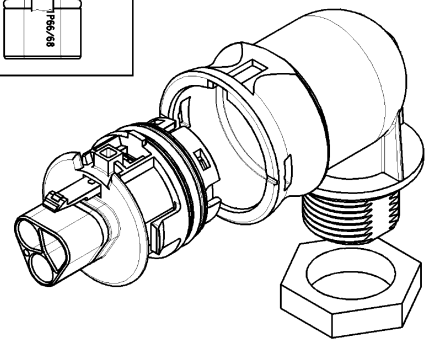
Verpackungseinheit: je 100 Stück
packaging unit: per 100 piece

Bestellhinweis
order info

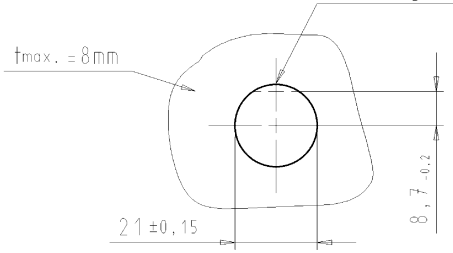




Bitte seperat bestellen:
Steckerkontakte
male contacts
must be ordered seperatly:
05.544.7800.0 (0,75-1)
05.544.7900.0 (1,5□)
05.544.8000.0 (2,5□)
05.545.4600.0 (4,0□)



Gehäuseausschnitt
housing cutout:



Weitere Daten siehe Katalog
further data see catalog

order-no.	Farbe/Color:	Typ/type
96.134.2053.1	schwarz/black, ähnl./similar RAL 9005	RST2013C S1 M90 SW
96.134.2053.0	lichtgrau/lightgrey, ähnl./similar RAL 7035	RST2013C S1 M90 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-TDM-05/03 ist einzuhalten.
Conformity with Wieland document UU-TDM-05/03 (list of prohibited / declarable hazardous substances) to be declared!

Freitoleranz nach General tolerance: 16901 Toleranzgruppe 130

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

Maßstab/Scale: 1:1

Vol. mm³ Off./Surf. mm²

	Name	Tag/Date	2013
gezeichnet drawn	Schmitt J.	21.01.	
geprüft Checked	-	-	
Normgepr. Stand. check	-	-	

Zeichnung Nr./Drawing No.: T 96.134.2053.0 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
STECKERADAPTER_90GRAD
male connector adapter M20
für Crimpanschluß/ for crimp connection

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

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96134205300K_Z CAD03029 Schmitt 2013-02-06T08:23:17 1.000

OU-PEM-08/91b