product data sheet

item no. 96.054.6053.6

device connector RST20I5S S1 M90VA TB0

RST® CLASSIC device connector, modular, angled 90°, M20, number of poles 5, model male, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier turquoise blue



item no.	96.054.6053.6
EAN	4015573878532
order unit	100 piece(s)

certificates / approvals

technical data

note

note	RST® terminals with screw clamping allow the connection of conductors without special preparation (without ferrules) according to EN 60999-1.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	turquoise blue
marking of poles	L, N, PE, D1, D2
color of separate adapter (if present)	black

connection data

connection cross section solid mm² max.	4 mm²
connection cross section solid mm² min.	0.75 mm²
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	screw connection
connecting thread metric	M20
angle of plug	square
inclination	90 °
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	0.237 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

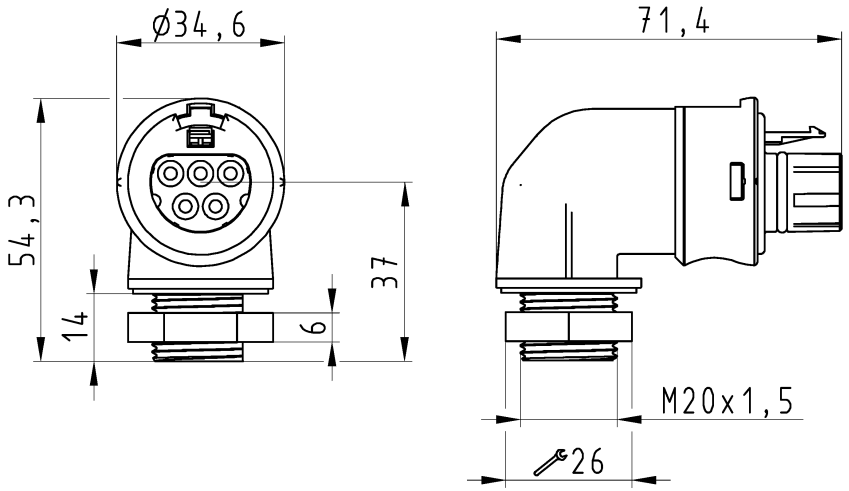
dimensions

length	71.4 mm
width	34.6 mm
height	54.3 mm

accessories

item no.	type	description
05.565.9953.1	cover for male connector SW	RST20i5/4 cover piece, for covering unused male connectors, color black
99.532.0000.7	cover for male connector SW	RST20i5/4 cover piece, for covering unused male connectors, with fastening belt, color black

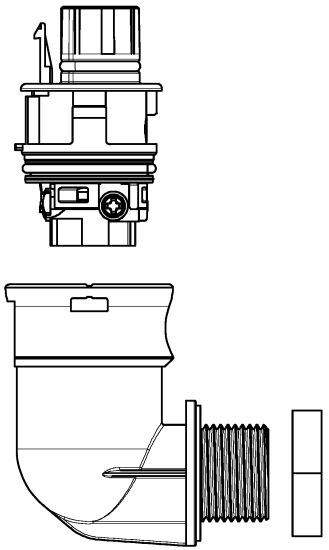
technical drawing



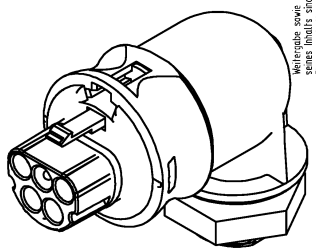
These dimensions will be especially checked at delivery
Only inspection dimensions
With Æ marked dimensions are only valid for internal use
Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
Mit Æ gekennzeichnete Maße sind nur für interne Zwecke gültig

Auslieferungszustand

delivery status



Verpackungseinheit: je 100 Stück
packaging unit: per 100



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96.054.6053.6	RST2015S S1 M90VA TB04	türkisblau /turquoiseblue
Bestellnummer /Order number	Typ /Type	Farbe /color

Weitere Daten siehe KATALOG oder eKatalog. Additional data see CATALOG or eCatalog. **www.wieland-electric.com eshop.wieland-electric.com**

Oeffnungsmassbild siehe 96.031.2053.1 14K
opening dimension see 96.031.2053.1 14K

Tolerierung Size ISO 14405Ⓔ/Tolerance system Size ISO 14405Ⓔ. (This ISO-standard describes the envelope principle. According to the envelope principle the deviations of form and parallelism are limited by the size tolerances).

nein/no ☒ Stoffverbots- und Deklarationsliste nach WN 5020.010 ist einzuhalten. Conformity with Wieland document WN 5020.010 e (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

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

Werkstoff/Material

Maßstab/Scale 1:1

Vol. mm³ Ofl./Surf. mm²

	Tag/Date	Name
2015		
gezeichnet drawn	07.09	HoffmannT
geprüft checked	-	-
Normgepr. Stand. check	-	-

Zeichnung Nr./Drawing No. 96.054.6053.6 13K

Index

Maße in mm/Dimensions are in mm

Ersatz für/Replacement for: -

wieland
www.wieland-electric.com

Type

Benennung/Title

STECKERTEIL_90GRAD
male connector 90°

960546053613K_1 CADW3034 HoffmannT 2015-09-08T11:55:26 1.000

QU-MEE-01/14 -