product data sheet

item no. 46.052.5051.4

device connector RST16I5/4S S1 M03 L BR

RST® MINI device connector, standard, straight, M20.2, number of poles 4, model male, connection type screw connection, rated voltage 50 V / 120 V, rated current 16 A, color of coding/ contact carrier signal brown



item no.	46.052.5051.4
EAN	4049088290022
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	16 A
rated voltage	50 V / 120 V
pollution degree	3
rated impulse voltage	4 kV
continuity resistor	0.75 mOhm
lockable	self-locking (unlocking by hand)
color of coding/ contact carrier	signal brown
marking of poles	1, 2, 3, 4

connection data

connection cross section solid mm² max.	2.5 mm²
connection cross section solid mm² min.	0.25 mm²
connection cross section fine stranded mm² max.	2.5 mm²
connection cross section fine stranded mm² min.	0.25 mm²
terminations per pole	1
wire strip length	8 mm

model

model	male
connection type	screw connection
connecting thread metric	M20.2
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)	5 mm

material

housing material	polyamide
halogen free	yes
contact material	CuZn
fire load	0.054 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	34.5 mm
width	24 mm
height	24 mm

accessories

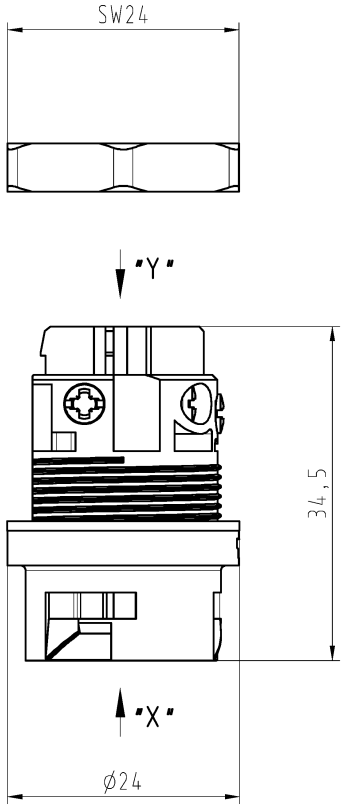
item no.	type	description
06.563.9253.1	cover for male connector SW	RST16i5/4 cover piece, for covering unused male connectors, color black
06.563.9353.1	cover for male connector SW	RST16i5/4 cover piece, for covering unused male connectors, with fastening belt, color black

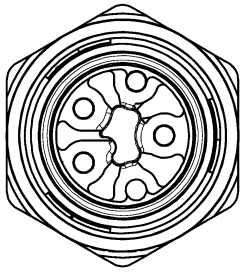
technical drawing

Auslieferungszustand
delivery status

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



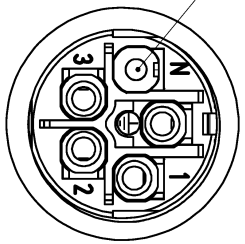


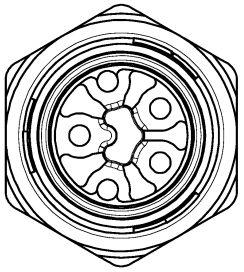
"X"

46.052.5054.0/1

"Y"

Pol nicht montiert
pole not mounted



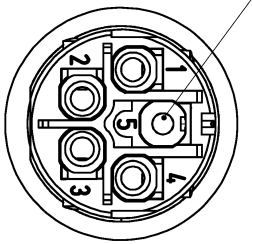


"X"

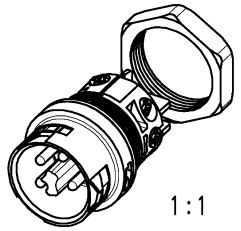
46.052.5051.4

"Y"

Pol nicht montiert
pole not mounted



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1:1

Weitere Daten siehe Katalog
further data see catalog

Teile - Nr. *part - no.*	Typ *type*	Farbe *colour*
46.052.5054.0	RST1615/4S S1 M03 GL	lichtgrau/*light grey* RAL 7035
46.052.5054.1	RST1615/4S S1 M03 SE	schwarz/*black* RAL 9005
46.052.5051.4	RST1615/4S S1 M03 L BR	signalbraun/*signal brown* RAL 8002

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).

ja/yes ☒ 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: 1 von 1
Sheet: of

Werkstoff/Material

Maßstab/Scale: 2:1

	Tag/Date	Name
2015 gezeichnet/drawn	18.11.	Treschan
geprüft/checked	-	-
Normgepr. Stand. check	-	-

Zeichnung Nr./Drawing No.: T 46.052.5054.0 01K

Index

Maße in mm/Dimensions are in mm

Vol. mm³ Ofl./Surf. mm²

Ersatz für/Replacement for: -

Index / Datum / Blatt / Date / Sheet

Änderung/Revision

wieland
www.wieland-electric.com

Type

Benennung/Title

STECKERTEIL_GA_4P
Male 4P