product data sheet

item no. 96.044.6051.4

device connector RST20I4S S1 M90VB BR06

RST20i4 Device connector, modular, angled 90°, M20, number of poles 4, model male, connection type screw connection, rated voltage 50 V / 120 V, rated current 20 A, color of coding/ contact carrier signal brown

item no.	96.044.6051.4
EAN	4049088338700
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	50 V / 120 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	signal brown
marking of poles	1, 2, 3, 4
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) 2	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

surface finish	silver-plated

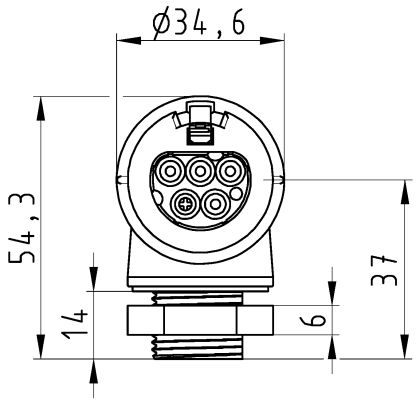
dimensions

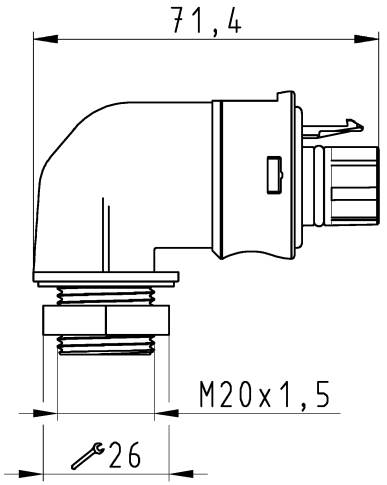
length	71.4 mm
width	34.6 mm
height	54.3 mm

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

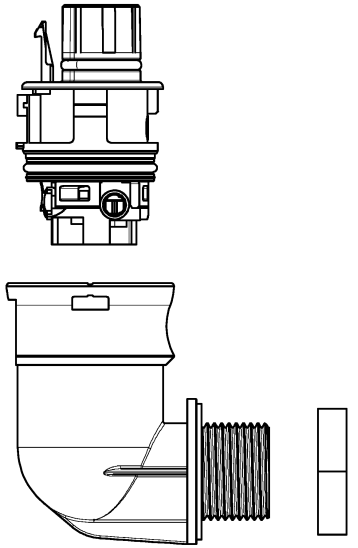
technical drawing



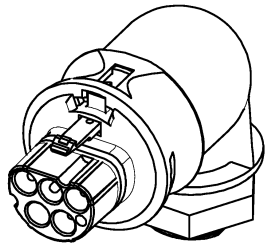


Auslieferungszustand

delivery status



Verpackungseinheit: je 100 Stück
packaging unit: per 100



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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

96.044.6051.4	RST2014S S1 M90VB BR06	signalbraun /signal brown
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

Werkstoff/Material	2015	Tag/Date	Name	Zeichnung Nr./Drawing No.	Index
	gezeichnet drawn	11.12.	Dütsch T.	96.044.6051.4 13K	
Maßstab/Scale 1:1	geprüft checked	-	-		
	Normgepr. Stand. check	-	-	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_90GRAD
male connector 90°