product data sheet

item no. 96.041.6051.4

device connector RST20I4S B1 M00 L BR01

RST® CLASSIC device connector, modular, straight, M20, number of poles 4, model female, connection type screw connection, rated voltage 50 V / 120 V, rated current 20 A, color of coding/ contact carrier signal brown

item no.	96.041.6051.4
EAN	4049088076183
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	female
connection type	screw connection
connecting thread metric	M20
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)	8 mm

material

housing material	polyamide
halogen free	yes
contact material	CuZn
fire load	0 kWh/St
surface finish	silver-plated

dimensions

length	68.2 mm
width	34.6 mm
height	34.6 mm

accessories

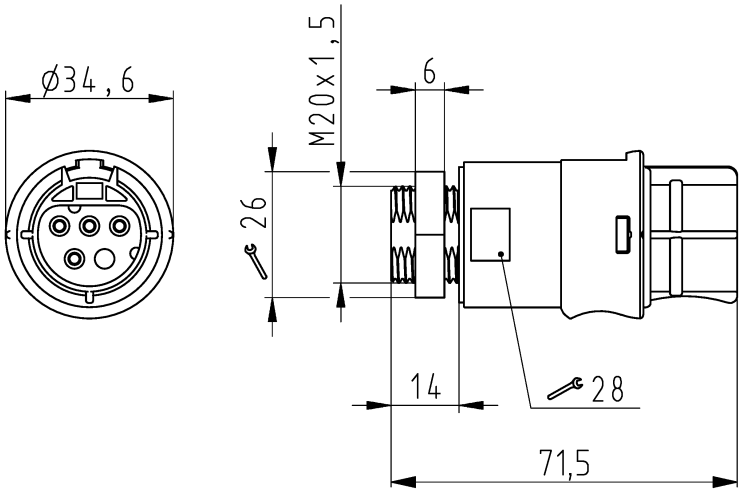
item no.	type	description
99.530.0000.7	cover for female connector SW	RST20i5/4 cover piece, for covering unused female connectors, with fastening belt, color black
Z5.565.9853.1	cover for female connector SW	RST20i5/4 cover piece, for covering unused female connectors, color black
05.564.8653.1	manual disconnect RST20i3/i5 SCHWARZ	Manual disconnect for later installation of RST connectors, color black

technical drawing

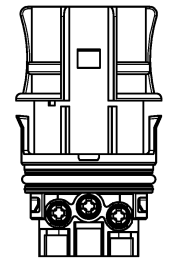
Weitergabe sowie Vervielfältigung dieses Dokuments, Verwertung und Mitteilung seines Inhalts sind verboten, soweit nicht ausdrücklich gestattet.
The reproduction, distribution and utilization of this document as well as the communication of its contents to others without express authorization is prohibited.

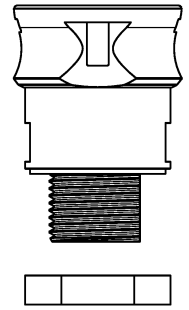
These dimensions will be especially checked at delivery
Only inspection dimensions
With (E marked dimensions are only valid for internal use

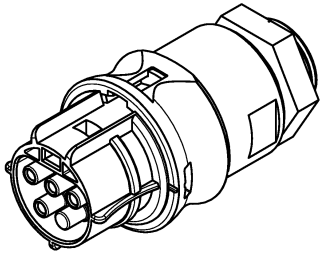
Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
Mit (E gekennzeichnete Maße sind nur für interne Zwecke gültig



Auslieferungszustand
delivery status







Verpackungseinheit: je 100 Stück
packaging unit: per 100

96.041.6051.4	RST20I4S B1 M00 L BR01	Signalbraun/ signal brown
Bestellnummer/ order number	Typ/ type	Farbe/ color
Weitere Daten siehe KATALOG oder eKatalog		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).

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: 1 of 1

Index	Änderung / Revision	Datum / Blatt Date / Sheet
a		09.01.2023 /

Werkstoff / Material

Maßstab / Scale: 1:1

	Tag/Date	Name
gezeichnet drawn	22.07.2015	Nagengast

Elektronische Freigabe
Electronic Release

Zeichnung Nr. / Drawing No.: 96.041.6051.4 13K

Index: a

Maße in mm / Dimensions are in mm

Vol. mm³ Ofl./Srf. mm²

Ersatz für / Replacement for:

Type

Benennung/Title

BUCHSENTEIL
female connector

wieland

2023-01-16 15:36:17 1.000

01-QU-RD-32/21