product data sheet

item no. 96.022.4051.4

connector RST20I2S S13ZR1SVL BR0

RST® CLASSIC connector, straight, number of poles 2, male, connection type screw connection, rated voltage 50 V / 120 V, rated current 20 A, cable diameter 6 - 10 mm, color of coding/ contact carrier signal brown



item no.	96.022.4051.4
EAN	4015573853522
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.

general

rated current	20 A
rated voltage	50 V / 120 V
rated impulse voltage	4 kV
strain relief	yes
pollution degree	3
lockable	self-locking (unlocking by tool)
color of coding/ contact carrier	signal brown
marking of poles	1, 2
color of housing inclusive strain relief	black
RAL-Nummer Codierung/Kontakteinsatz	8002

connection data

cable diameter max.	10 mm
cable diameter min.	6 mm
connection cross section solid mm² max.	6 mm²
connection cross section solid mm² min.	0.75 mm²
connection cross section fine stranded mm² max.	6 mm²
connection cross section fine stranded mm² min.	0.75 mm²
terminations per pole	1
connection cross section stranded mm² min.	0.75 mm²
connection cross section stranded mm² max.	6 mm²
sheath strip length	26.5 mm
wire strip length	8 mm

model

model	male

connection type	screw connection
degree of protection (IP)	IP66/68 (3m;2h) /IP69

material

housing material	polyamide
halogen free	yes
contact material	CuZn
fire load	0.272 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	79.1 mm
width	34.6 mm
height	34.6 mm

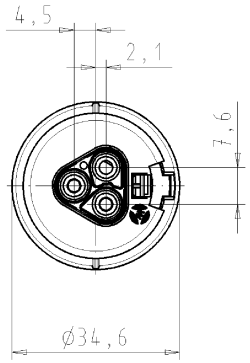
accessories

item no.	type	description
05.564.4453.1	cover for male connector SW	RST20i3/2 cover piece, for covering unused male connectors, color black
99.416.6205.2	cover for male connector SW	RST20i3/2 cover piece, for covering unused male connectors, with fastening belt, color black

assembly

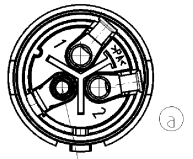
item no.	type	description
96.020.0151.4	distributor RST20I2V 3P1 F V L BR0	RST® CLASSIC distributor, parallel connection, with fastening option, number of poles 2, rated voltage 50 V / 120 V, rated current 20 A, number of inputs 1, number of outputs 3, color of coding/ contact carrier signal brown
96.021.4051.4	connector RST20I2S B13ZR1S L BR0	RST® CLASSIC connector, straight, number of poles 2, female, connection type screw connection, rated voltage 50 V / 120 V, rated current 20 A, cable diameter 6 - 10 mm, color of coding/ contact carrier signal brown

technical drawing

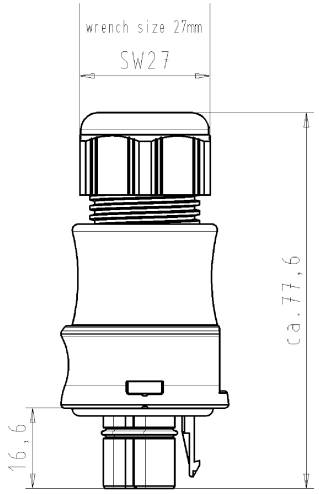


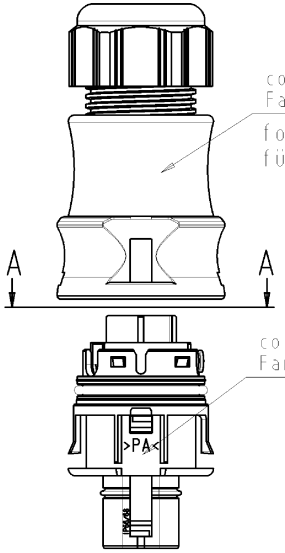


A-A



pole unassembled
Pole unbestückt



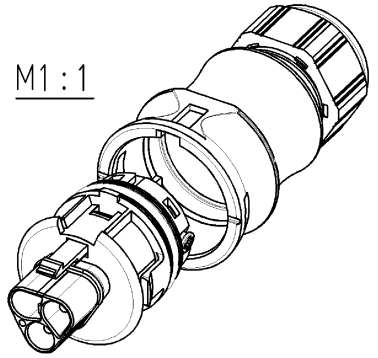


color: black, ähnl. RAL 9005
Farbe: schwarz, ähnl. RAL 9005

for cable diameter 6-10mm
für Kabeldurchm. 6-10mm

color: brown, similar RAL 8002
Farbe: braun, ähnl. RAL 8002

M1:1



Verpackungseinheit: je 100 Stück
packaging unit: per 100

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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Zulässige Abweichungen nach DIN 7167/Permissible deviations acc. to DIN 7167.
(This DIN-standard desbribes 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 VU-TGM-05/03 ist einzuhalten.
Conformity with Wieland document VU-TGM-05/03 (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	
	/		Werkstoff/Material	2005	Tag/Date	Name	Zeichnung Nr./Drawing No.		Index
	/			gezeichnet drawn	21.07.	Kneitz	96.022.4051.4 01K		a
	/	Maßstab/Scale 1:1		geprüft checked	-	-			
	/			Normgeprüft Stand. check	-	-	Maße in mm/Dimensions are in mm		
	/	Vol. mm³	Oft./Surf. mm²	Ersatz für/Replacement for: -					
	/	wieland Elektrische Verbindungen		Type	Benennung/Title STECKERTEIL_MIT_ZUGENTLASTUNG male connector with cord grip Schraubanschluß ohne Drahtschutz/ screw-connetion without wire protection Typ: RST2012S ST3ZR1SVL BR01				
a	07.09.2005/								
Index	Datum / Blatt Date / Sheet								
Änderung/Revision									

OU-PEM-08/91

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