product data sheet

item no. 96.022.4053.1

connector RST20I2S S13ZR1 V SW

RST® CLASSIC connector, straight, number of poles 2, male, connection type screw connection, rated voltage 250 V, rated current 20 A, cable diameter 6 - 10 mm, color of coding/ contact carrier black



item no.	96.022.4053.1
EAN	4015573852242
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	250 V
rated impulse voltage	4 kV
strain relief	yes
pollution degree	3
lockable	self-locking (unlocking by tool)
color of coding/ contact carrier	black
marking of poles	L, N
color of housing inclusive strain relief	black
RAL-Nummer Codierung/Kontakteinsatz	9005

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	0.271 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

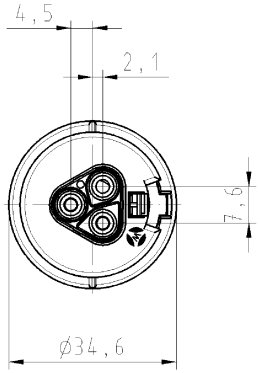
accessories

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
96.020.0153.1	distributor RST20I2V 3P1 F V SW	RST® CLASSIC distributor, parallel connection, with fastening option, number of poles 2, rated voltage 250 V, rated current 10 A, number of inputs 1, number of outputs 3, color of coding/ contact carrier black
96.021.4053.1	connector RST20I2S B13ZR1 SW	RST® CLASSIC connector, straight, number of poles 2, female, connection type screw connection, rated voltage 250 V, rated current 20 A, cable diameter 6 - 10 mm, color of coding/ contact carrier black

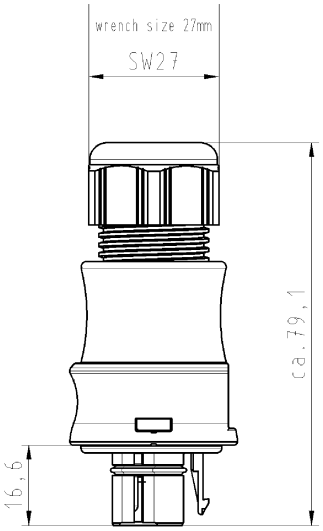
technical drawing

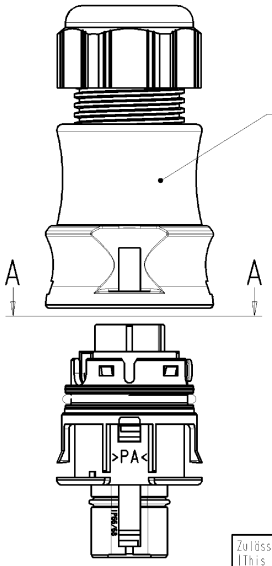




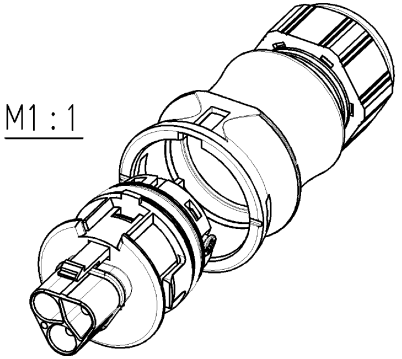


pole unassembled
Pol unbestückt





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



Verpackungseinheit: je 100 Stück
packaging unit: per 100

Teile-Nr./ part-nr.	Farbe:/ color:
96.022.4053.1	schwarz, ähnl. RAL 9005/ black, similar to RAL 9005
96.022.4053.0	lichtgrau, ähnl.RAL 7035/ lightgrey, similar to RAL 7035

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 OU-TGM-05/03 ist einzuhalten. List of banned and declarable substances according to Wieland document e-OU-TGM-05/03 is to obey.

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

Maßstab/Scale 1:1

Vol. mm³ Oft./Surf. mm²

	Tag/Date	Name
2005		
gezeichnet drawn	13.07.	Kneitz
geprüft checked	-	-
Normgeprüft Stand. check	-	-

Zeichnung Nr./Drawing No. T 96.022.4053.0 01K Index

Maße in mm/Dimensions are in mm

Ersatz für/Replacement for: -

wieland
Elektrische Verbindungen

Type Typ RST2012 S S13 ZR1 V

Benennung/Title
STECKERTEIL_MIT_ZUGENTLASTUNG
male connector with cord grip
Schraubanschluß ohne Drahtschutz/screw-connection without wire protection

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

OU-PEM-08/91

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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

9602240530 01K_4 CAD\007 Kneitz 2005-07-13 09:06:51 1.000