product data sheet

item no. 96.034.6053.1

device connector RST20I3S S1 M90V SW

RST® CLASSIC device connector, modular, angled 90°, M20, number of poles 3, model male, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier black



item no.	96.034.6053.1
EAN	4015573858909
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	250 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	black
marking of poles	L, N, PE
color of separate adapter (if present)	black

connection data

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
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)	0.5 mm
thickness of housings (electrical device)	8 mm

material

housing material	polyamide
halogen free	yes
contact material	CuZn
fire load	0.22 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

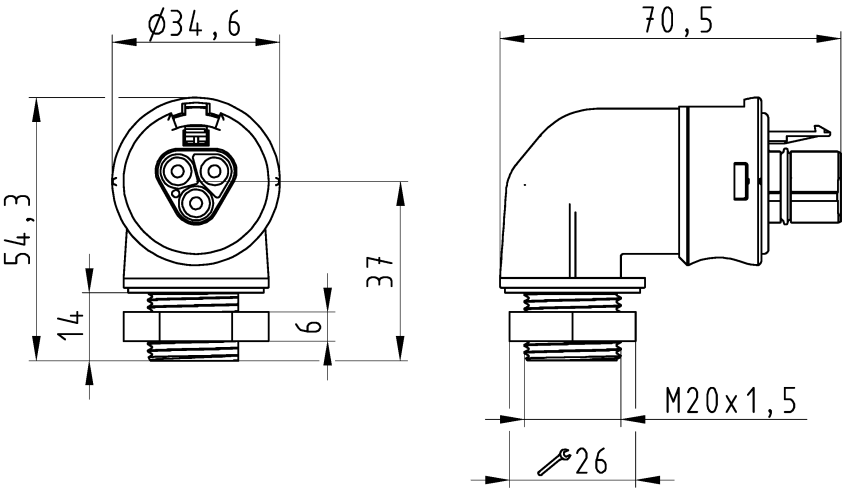
length	70.5 mm
width	34.6 mm
height	54.3 mm

accessories

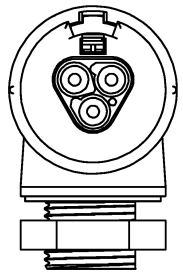
item no.	type	description
05.564.4453.1	cover for male connector SW	RST20i3/2 cover piece, for covering unused male connectors, color black
99.416.6205.2	cover for male connector SW	RST20i3/2 cover piece, for covering unused male connectors, with fastening belt, color black

technical drawing

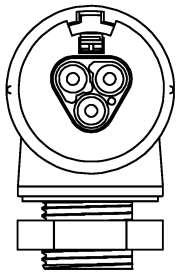
96.034.6053.0/1



96.034.6054.3

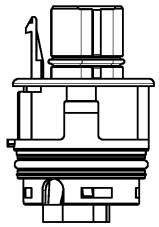


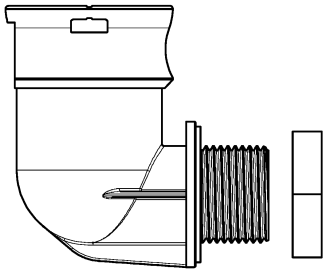
96.034.6055.7



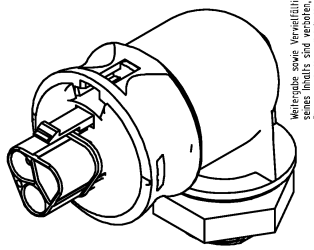
Auslieferungszustand

delivery status





Verpackungseinheit: je 100 Stück
packaging unit: per 100



96.034.6055.7	RST2013S S1 M90VH GN02	grün /green
96.034.6054.3	RST2013S S1 M90V BG03	betongrau /concretegrey
96.034.6053.1	RST2013S S1 M90V SW	schwarz /black
96.034.6053.0	RST2013S S1 M90V GL	lichtgrau /lightgrey
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**

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

Oeffnungsmassbild siehe 96.031.2053.1 14K
opening dimension see 96.031.2053.1 14K

Toleranz 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: Sheet: 1 von of 1

Werkstoff/Material

Maßstab/Scale 1:1

Vol. mm³ Ofl./Surf. mm²

	2015	Tag/Date	Name
gezeichnet drawn		07.08.	HoffmannT
geprüft checked		-	-
Normgepr. Stand. check		-	-

Zeichnung Nr./Drawing No. T 96.034.6053.0 13K Index

Maße in mm/Dimensions are in mm

Ersatz für/Replacement for: -

Type

Benennung/Title

STECKERTEIL

male connector 90°

wieland www.wieland-electric.com

Index Datum / Blatt Date / Sheet

Änderung/Revision

Weitergabe sowie Vervielfältigung dieses Dokuments, Verwertung und Mitteilung seines Inhalts sind verboten, soweit nicht ausdrücklich gestattet. Zuwiderhandlungen verpflichten zu Schadenersatz. Alle Rechte für den Fall der Patenterteilung oder GM-Eintragung vorbehalten. Any reproduction, distribution and utilization of this document as well as the communication of its contents to others without express authorization is prohibited.