product data sheet

item no. 46.031.M050.4

device connector RST16I3 B D03 LMBR

RST® MINI device connector, modular, straight, M20, number of poles 3, model female, connection type spring clamp connection, rated voltage 50 V / 120 V, rated current 16 A, color of coding/ contact carrier signal brown



item no.	46.031.M050.4
EAN	4049088661549
order unit	50 piece(s)

certificates / approvals

technical data

note

note	positioning realised with flattened thread

general

rated current	16 A
rated voltage	50 V / 120 V
pollution degree	3
rated impulse voltage	4 kV
lockable	self-locking (unlocking by hand)
color of coding/ contact carrier	signal brown
Pole codification	1, 2, 3

connection data

connection cross section solid mm² max.	2.5 mm²
connection cross section solid mm² min.	0.5 mm²
connection cross section fine stranded mm² max.	2.5 mm²
connection cross section fine stranded mm² min.	0.5 mm²
terminations per pole	2

model

model	female
connection type	spring clamp connection
connecting thread metric	M20
angle of plug	straight
degree of protection (IP)	IP66/68 (3m;2h) /IP69
thickness of housings (electrical device)	1 mm
thickness of housings (electrical device)	4 mm

material

housing material	polyamide
halogen free	yes

contact material	CuZn
fire load	0.089 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

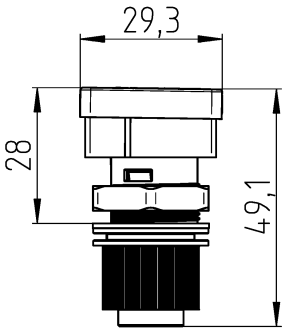
dimensions

length	43.5 mm
width	29.3 mm
height	24 mm

technical drawing

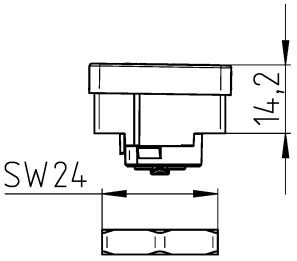
Gezeichnete Ausführung/drawn version
46.031.M053.0

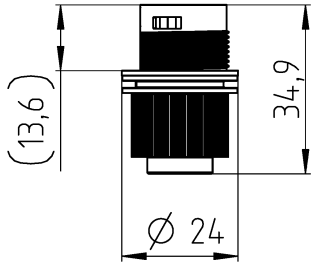
Gesteckter Zustand/
connected condition

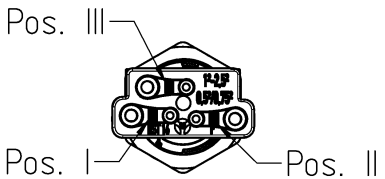


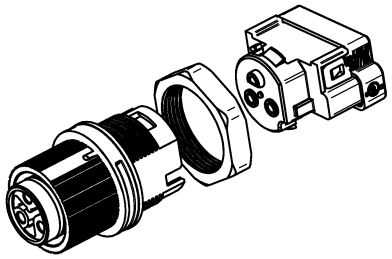
Auslieferungszustand/
delivery condition











Teile-Nr. *Ipart-no.*	Type	Pol Kennzeichnung *Ipole marking*		
		Pos. I	Pos. II	Pos. III
46.031.M053.0	RST1613 B D03 M GL	2/N	1/L	PE
46.031.M0L0.0	RST1613 1 D03 M GL	2/N	1/L	PE
46.031.M053.1	RST1613 B D03 M SW	2/N	1/L	PE
46.031.M0L0.1	RST1613 1 D03 M SW	2/N	1/L	PE
46.031.M055.7	RST1613 B D03 M GN	2/N	1/L	PE
46.031.M0L0.7	RST1613 1 D03 M GN	2/N	1/L	PE
46.031.M050.6	RST1613 B D03 M TB	D2	D1	PE
46.031.M0L0.6	RST1613 1 D03 M TB	D2	D1	PE
46.031.M053.9	RST1613 B D03 M BL	2	1	3
46.031.M0L0.9	RST1613 1 D03 M BL	2	1	3
46.031.M050.4	RST1613 B D03 LM BR	2	1	3
46.031.M0L0.4	RST1613 1 D03 LM BR	2	1	3
46.031.M054.0	RST1613/2 B D03 M GL	2/N	1/L	
46.031.M0L1.0	RST1613/2 1 D03 M GL	2/N	1/L	
46.031.M054.1	RST1613/2 B D03 M SW	2/N	1/L	
46.031.M0L1.1	RST1613/2 1 D03 M SW	2/N	1/L	
46.031.M054.9	RST1613/2 B D03 M BL	2/N	1/L	
46.031.M0L1.9	RST1613/2 1 D03 M BL	2/N	1/L	
46.031.M051.4	RST1613/2 B D03 LM BR	2/N	1/L	
46.031.M0L1.4	RST1613/2 1 D03 LM BR	2/N	1/L	
46.031.M051.6	RST1613/2 B D03 M TB	D2	D1	
46.031.M0L1.6	RST1613/2 1 D03 M TB	D2	D1	

Weitere Daten siehe KATALOG oder eKatalog
additional data see CATALOG or eCATALOG
www.wieland-electric.com
eshop.wieland-electric.com

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

Werkstoff / Material

Maßstab / Scale: 1:1

Vol. mm³ Ofl./Srf. mm²

Ersatz für / Replacement for:

	Tag/Date	Name
gezeichnet / drawn	27.06.2023	Lunz S.

Elektronische Freigabe
Electronic Release

Zeichnung Nr. / Drawing No.: T 46.031.M053.0 13K

Index

Maße in mm / Dimensions are in mm

Type: RST16
MOLA

Benennung/Title:
BUCHSENTEIL_GA
female device connector 3/2 pole
mit/ohne Kontaktabdichtung / with/without contact seal

wieland

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

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

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

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