

# RST<sup>®</sup> MICRO TECHNICAL DATA

	<b>RST08i2/i3</b>
Rated voltage	250/400 V
Rated current	8 A
Number of poles	2- or 3-pole
Connectable cable diameter*	4 - 7 mm
Connector temperature range	- 40 °C to +100 °C
Material	Contact parts: Brass, surface-treated housing parts: Polyamide, halogen free, V0, f1 Sealing material: NBR
Pollution degree	3 (when connected)
Protection rating	IP66/68 (3m; 2h)/69 barrier seal optional
Certificates / approvals	VDE (to IEC 61984), in preparation: cULus, LR, DNV/GL, RINA, BV

\*Other diameters on request

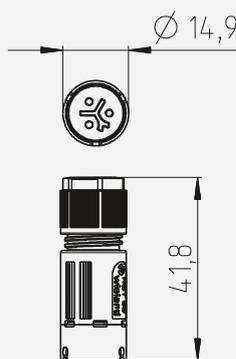
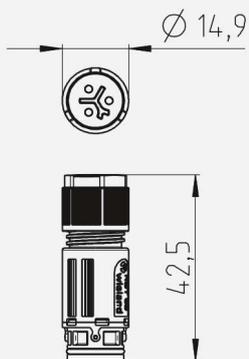
# RST<sup>®</sup> MICRO DIMENSIONS

## RST08i2/i3

### CONNECTORS

female

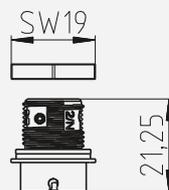
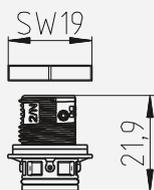
male



### DEVICE CONNECTOR

female

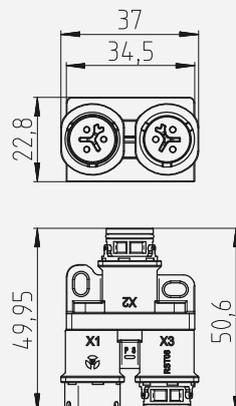
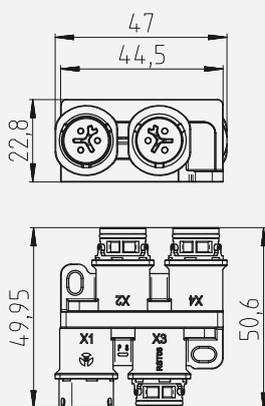
male



### DISTRIBUTORS

1E / 3A

1E / 2A



**NOTE:** The drawing for your product can be found in the Download area of the relevant Art.No. at [eshop.wieland-electric.com](http://eshop.wieland-electric.com)

# RST<sup>®</sup> MICRO CABLE PREPARATION

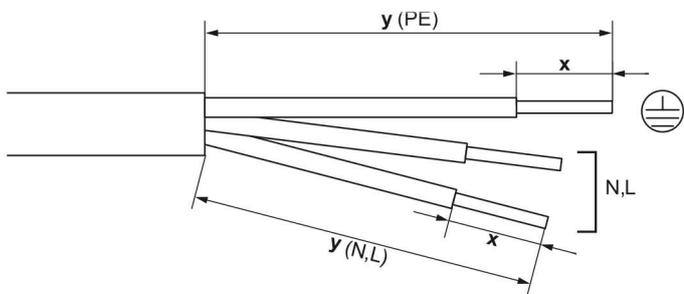
## Connectable cable cross-sections

Cable	Solid	Fine-wired, no cable end sleeve	Fine-wired, with cable end sleeve
Screw connection	0.2 - 1.0 mm <sup>2</sup>	0.22 - 1.0 mm <sup>2</sup>	0.22 - 0.50 mm <sup>2</sup>

**i** RST<sup>®</sup> terminals with screw clamping allow the connection of conductors without special preparation according to EN 60999-1.

## Sheath strip and wire strip lengths

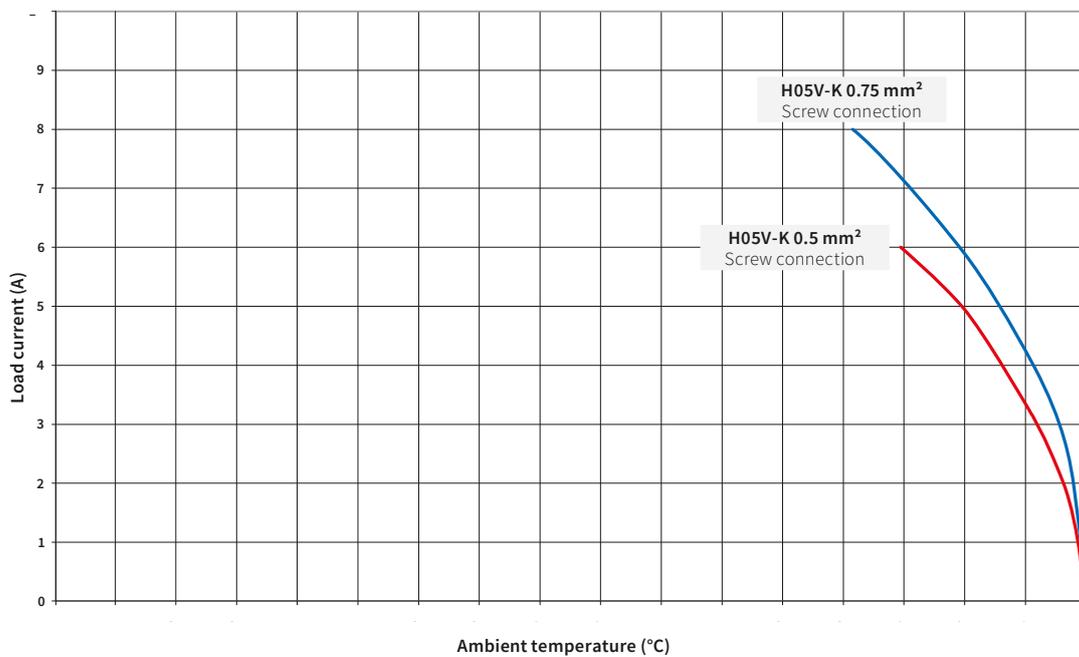
Cable	PE	N, L
Sheath strip length y	19	18
Wire strip length x	6	6



# RST<sup>®</sup> MICRO DERATING CURVES

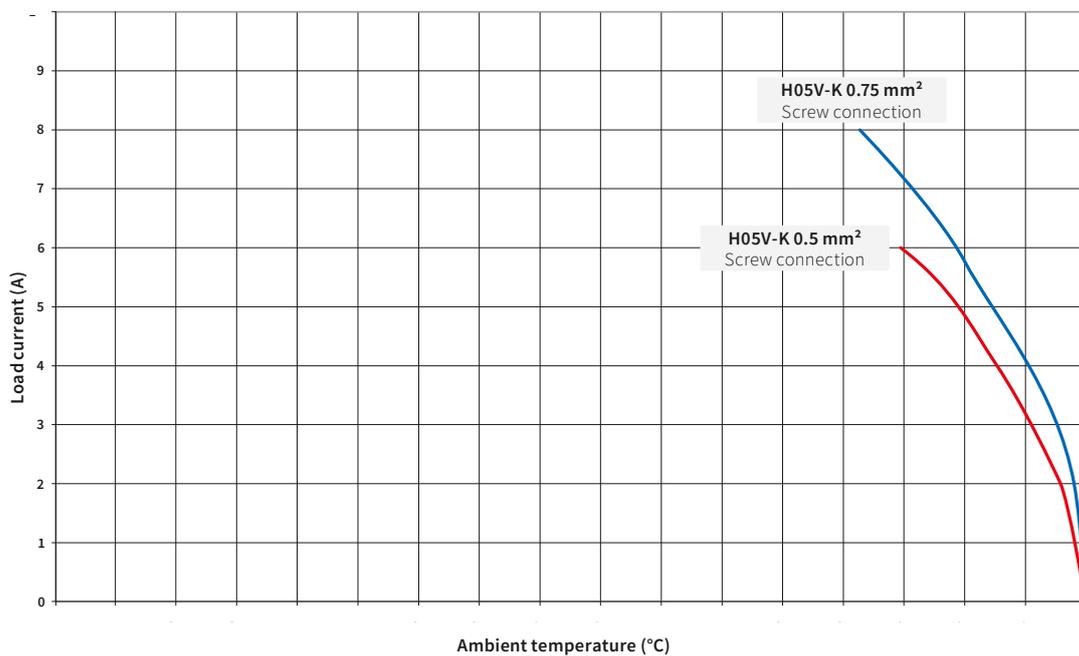
## RST08i2 (no contact sealing)

Derating curve to DIN EN 60512 Part 5-2; Test 5b



## RST08i2 (with contact sealing)

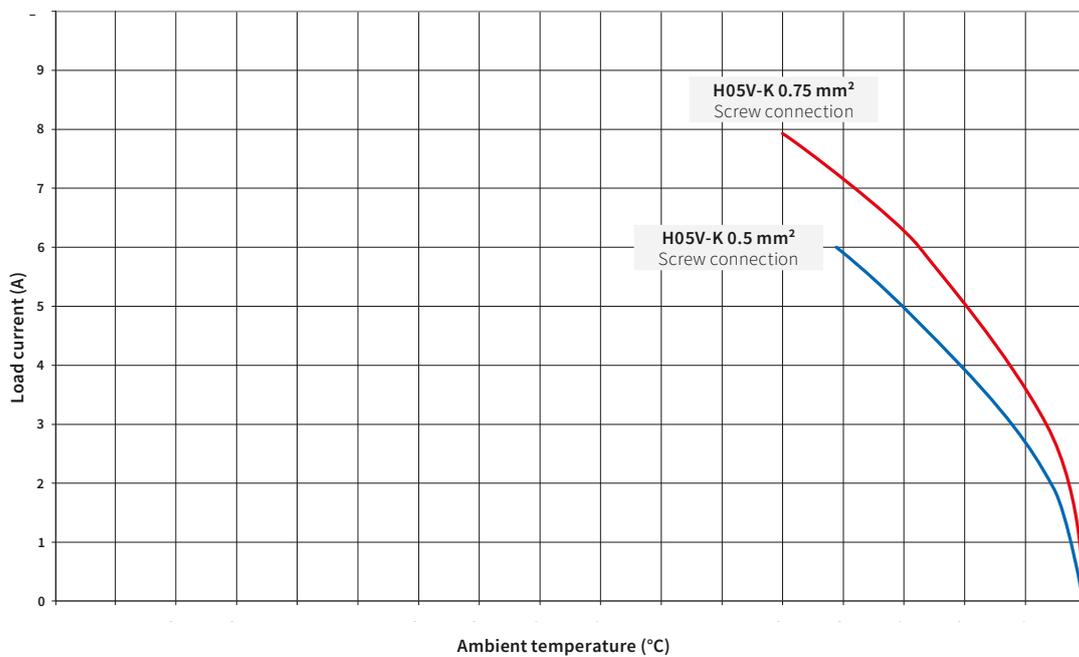
Derating curve to DIN EN 60512 Part 5-2; Test 5b



# RST<sup>®</sup> MICRO DERATING CURVES

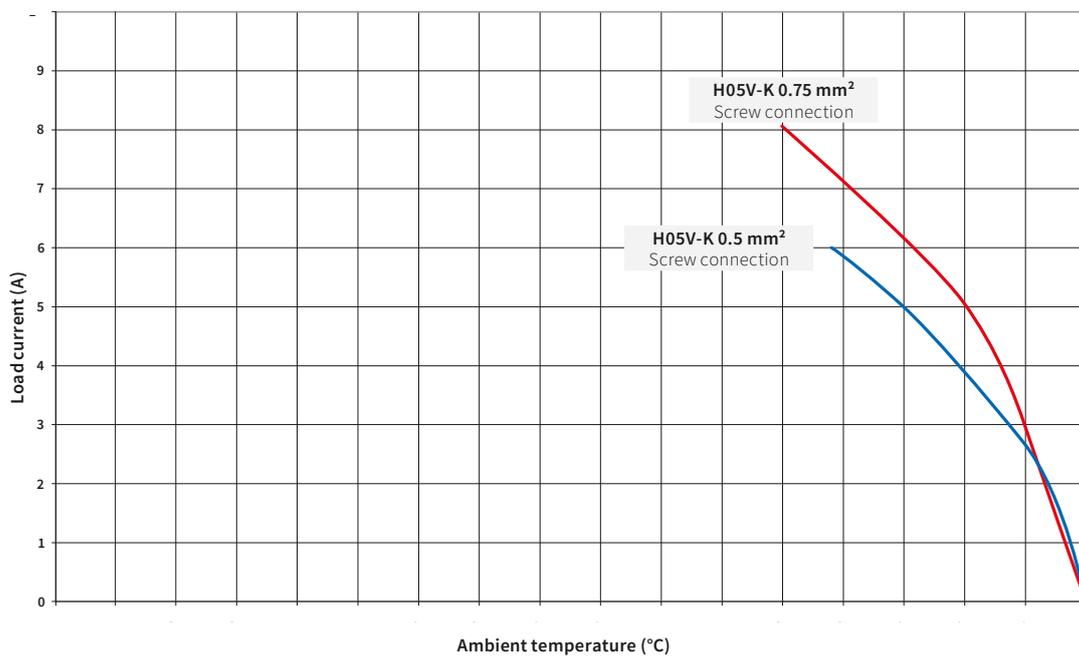
## RST08i3 (no contact sealing)

Derating curve to DIN EN 60512 Part 5-2; Test 5b



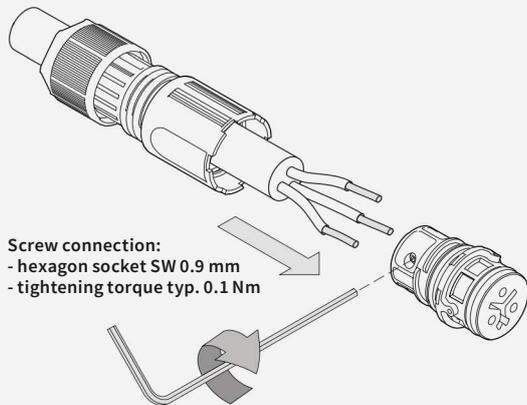
## RST08i3 (with contact sealing)

Derating curve to DIN EN 60512 Part 5-2; Test 5b



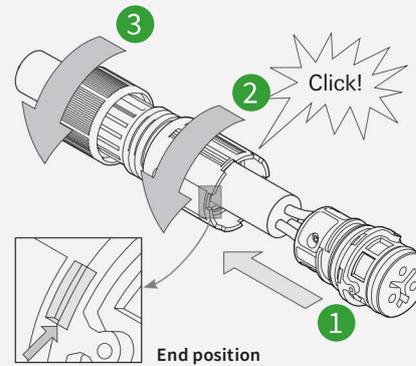
# RST<sup>®</sup> MICRO ASSEMBLY INSTRUCTION

## CABLE ASSEMBLY

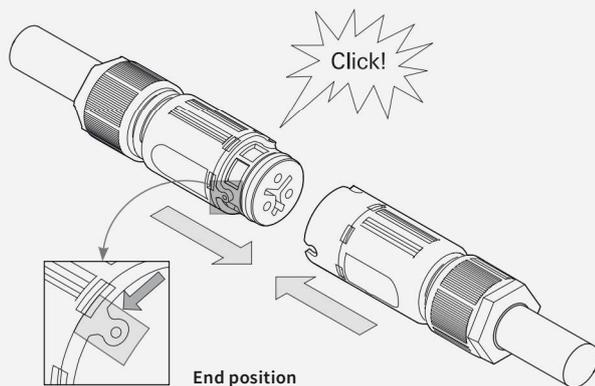


## CLOSING THE CONNECTOR

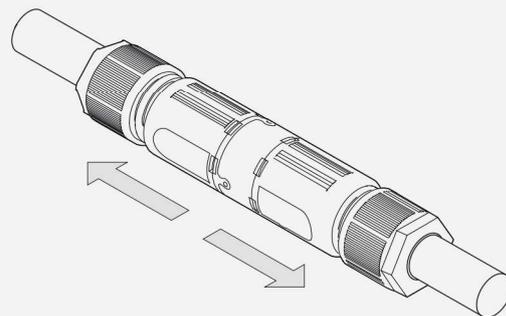
Gland nut gripping sleeve (3): Tightening torque typ. 0.8 Nm.



## INSERT AND LOCK

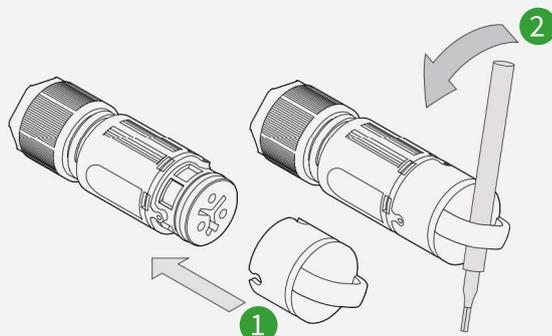


## UNLOCK AND DISCONNECT



## OPENING THE CONNECTOR

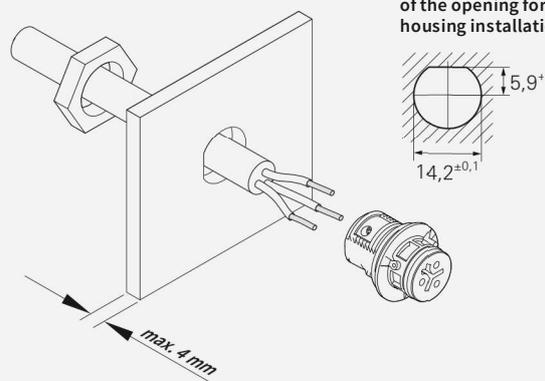
The cover cap makes the connector easier to open.



## HOUSING INSTALLATION WITH M14 CABLE FEED THROUGH

Nut: Tightening torque typ. 0.7 Nm.

Dimension drawing of the opening for housing installation.



**i** Proceed in the same way for 2 and 3-pole connectors.  
Observe the pole configuration.

**NOTE:** Please note that electrical connections and installations must be carried out only by appropriately trained specialists.  
The Assembly instructions accompanying the product must be observed! The relevant Assembly instruction BA001157 can be found online in the download area of the product concerned: [eshop.wieland-electric.com](http://eshop.wieland-electric.com)