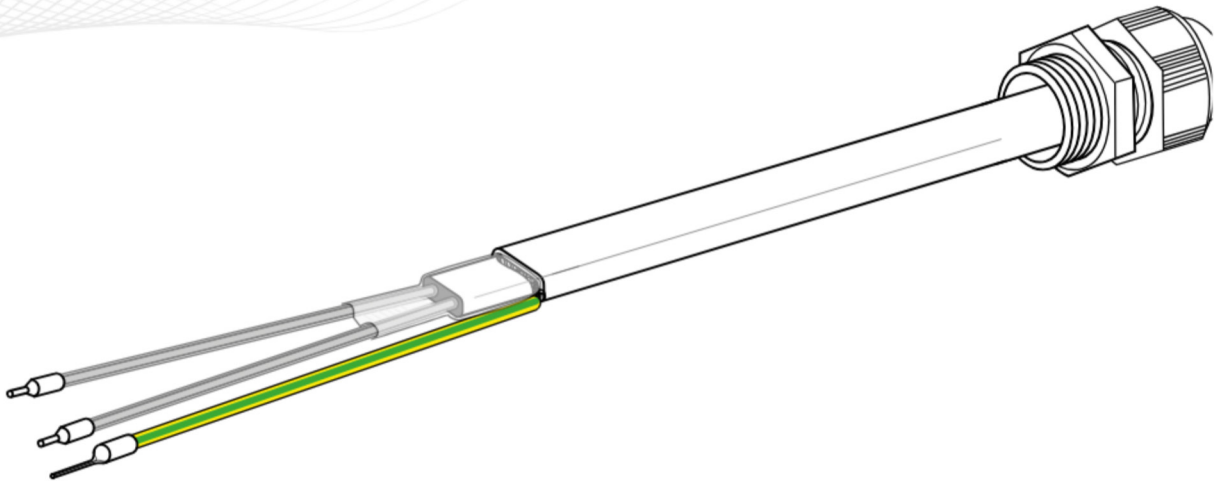


# ASSEMBLY INSTRUCTIONS



## ELVB-SRA<sub>s</sub>-25

Heat-shrink connection set  
with M25 cable gland for ELSR-R, -M

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## IMPORTANT INFORMATION

### - RETAIN FOR LATER USE



Please follow these instructions for proper and safe use of the ELVB-SRAM-25 and ELVB-SRAR-25 initial connection sets. Please retain these instructions for later reference purposes (for example in the system documentation).

### - FOR DISPOSAL



The WEEE logo indicates that this product must not be disposed of with residential waste. Further information about disposal and recycling of old electrical and electronic devices and where to find collection points is available from your local disposal company or from the manufacturer from which you bought the product.



### ATTENTION

Refers to a potentially dangerous situation. If it is not prevented, there is a risk of damage or malfunction.



### DANGER

Refers to an extremely dangerous situation. If it is not prevented there is risk of death or at least a high risk of serious injuries.



### NOTE

Important information and instructions for safe, effective and environmentally compatible usage.



### WARNING

Refers to a dangerous situation. If it is not prevented there is risk of injury or at least a high risk of material damage.

#### Proviso

We reserve the right to make technical changes. Changes, errors or misprints shall not form the basis for any claim to compensation for damages. Comply with the applicable and currently valid standards and regulations for safety-related components and systems.

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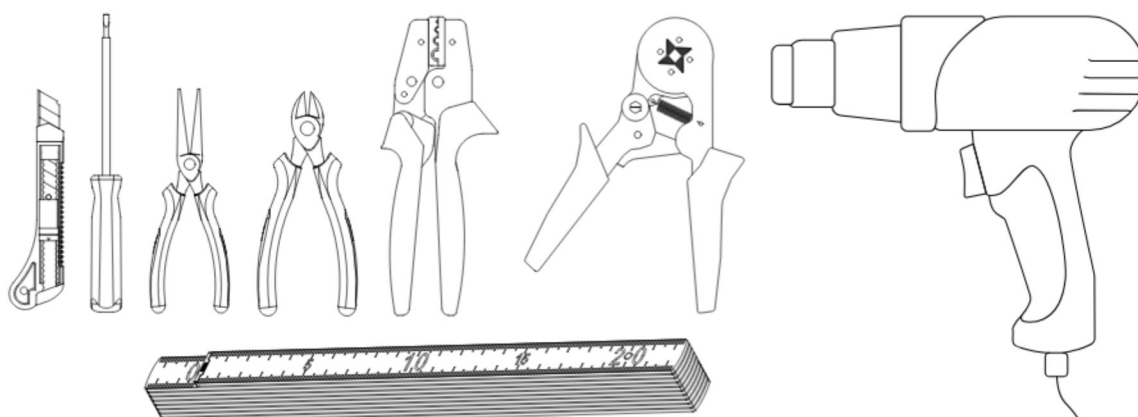
Document:  
864304091A0XX

Assembly instructions  
ELVB-SRAs-25

Author:	Peter Schmidt
Revision: 06	Detlef Matthes

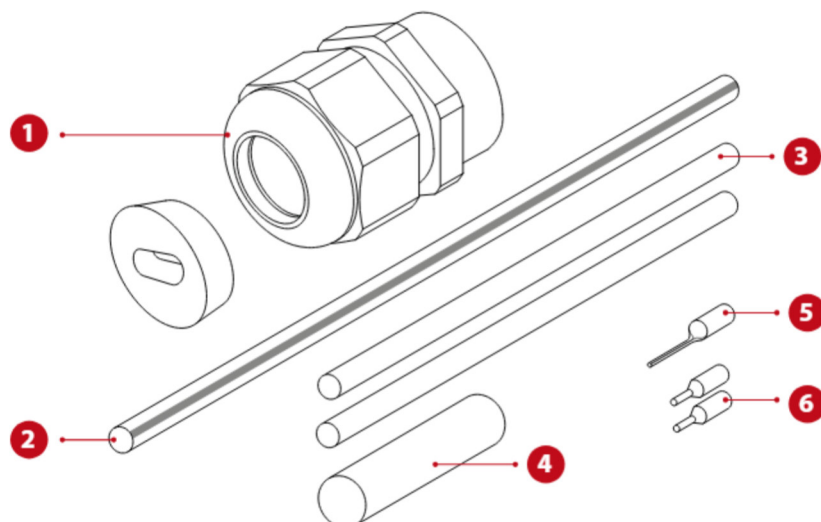
Date:	05.02.2014
Date:	12.02.2024

## RECOMMENDED TOOLS



## CONTENTS OF CONNECTION SET

ELVB-SRAM-25 (article no. 091A015) & ELVB-SRAR-25 (article no. 091A020)



Nº	Type	Quantity
1	Cable gland M25 x 1,5	1 unit
2	Shrink tubing Øi=3/16" (4,8 mm); l = 115 mm; gn/ye	1 unit
3	Shrink tubing Øi=1/8" (3,2 mm); l = 100 mm; black	2 units
4	Shrink tubing Øi=3/8" (9,5 mm); l = 35 mm; black	1 unit
5	Pin terminal lug 4-6 mm <sup>2</sup> ; E-Cu galvanic tinned	1 unit
6	Wire end ferrules 0,75 mm <sup>2</sup> ; blue	2 units



### ATTENTION

- Work may only be performed by authorised and qualified specialists!
- Make sure that glue is emerging the shrink sleeves while shrinking!
- After work is complete, check the insulation resistance (min. 500VDC, recommended 2500VDC, min. 20 Mohms)!
- Crimp the nickel sleeves and terminal pins with a suitable tool (e.g. Stocko WZ100 with insert E66 or similar).

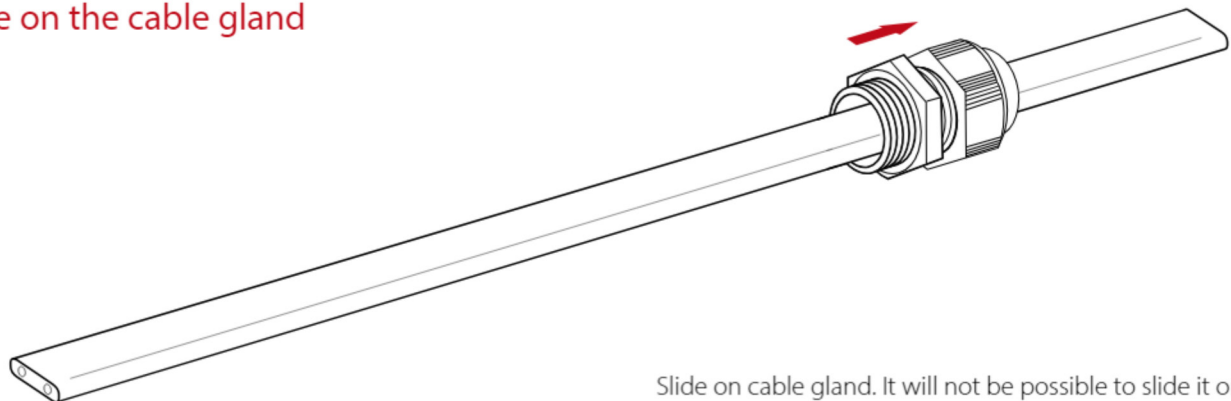


### NOTE

This set does not include a termination. If a termination is needed, it must be ordered separately.

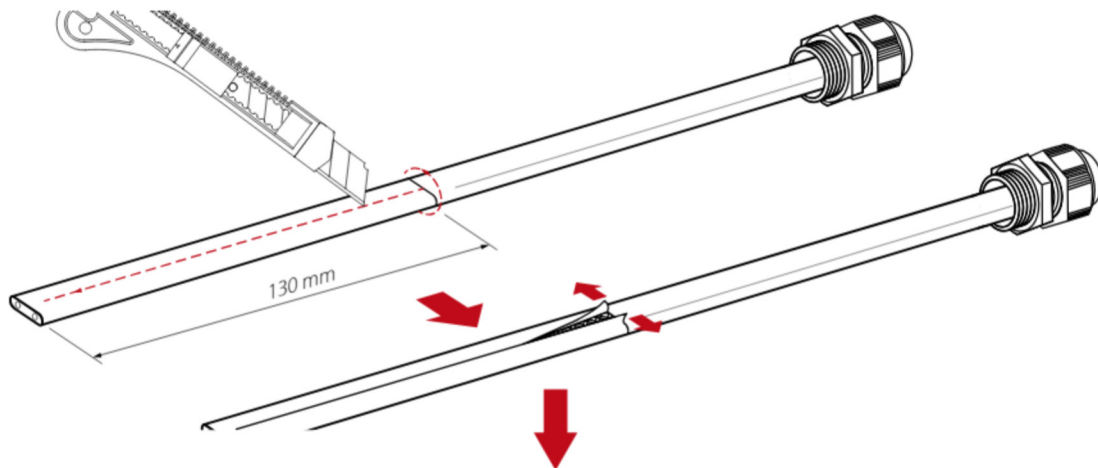
## PREPARATION & ASSEMBLY

Slide on the cable gland

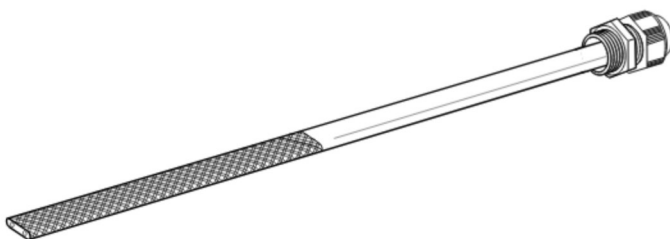


Slide on cable gland. It will not be possible to slide it on later

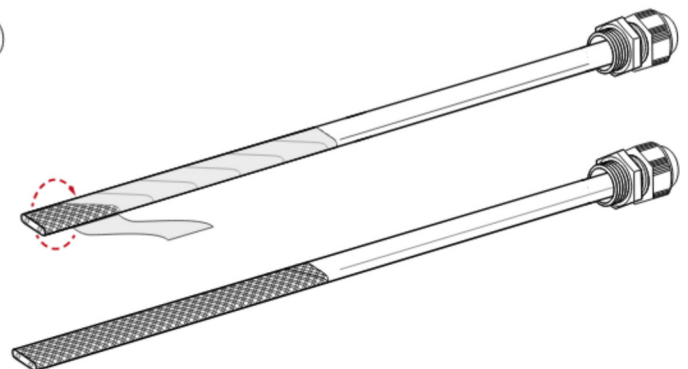
Remove outer sheath



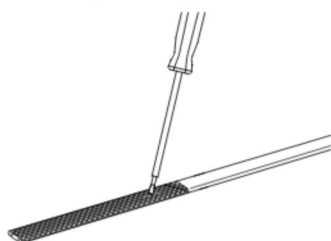
ELSR Type BO/BOT (with braiding)



ELSR Type BAF (with braiding / Aluminiumfoil)



Loosen protective braiding



Push braiding wires apart



Pull heating tape through



Stretch braiding, do not twist

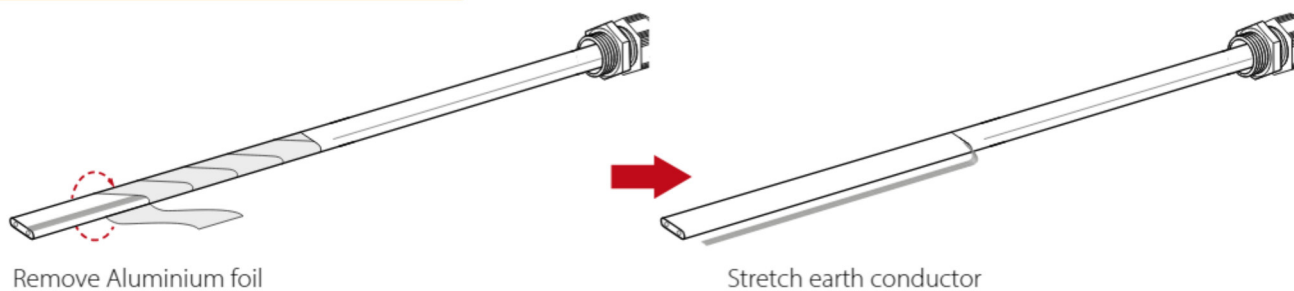


### ATTENTION

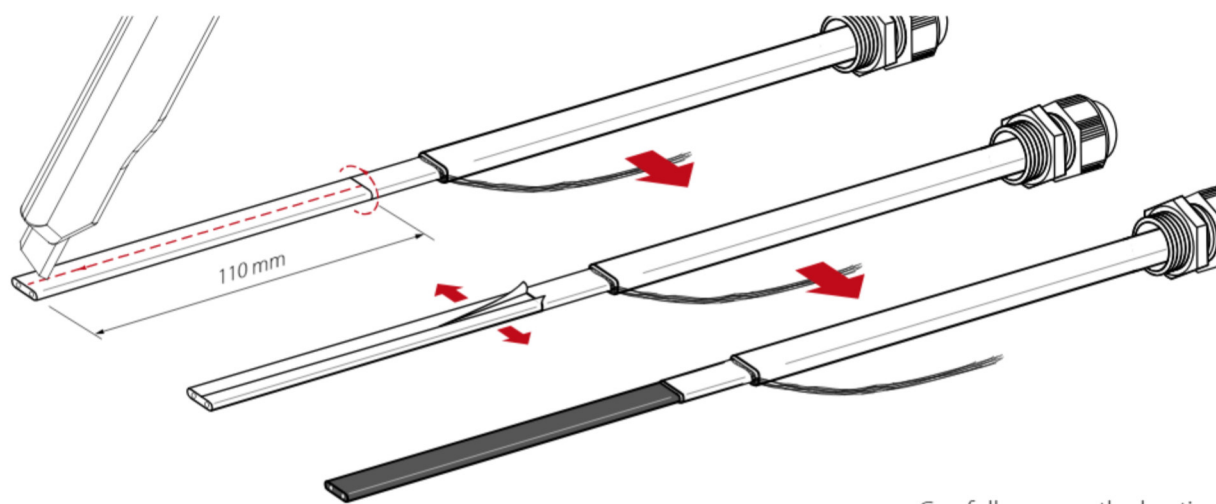
Do not damage the protective braiding!

## Remove Aluminium foil

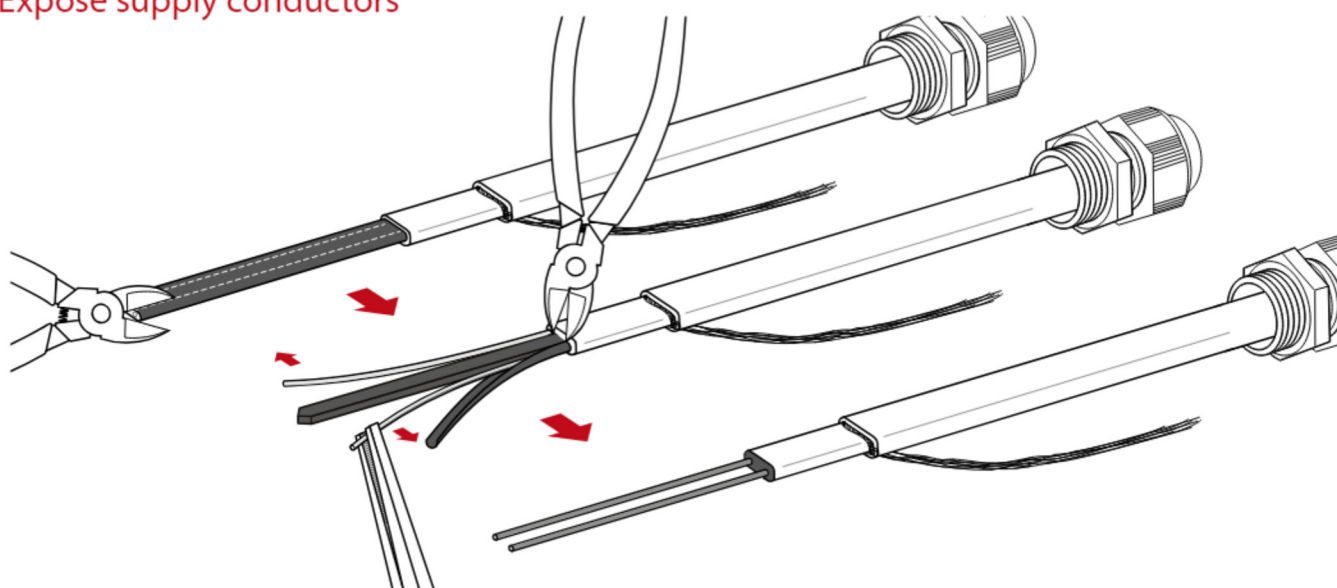
ELSR Type AO (with Aluminiumfoil)



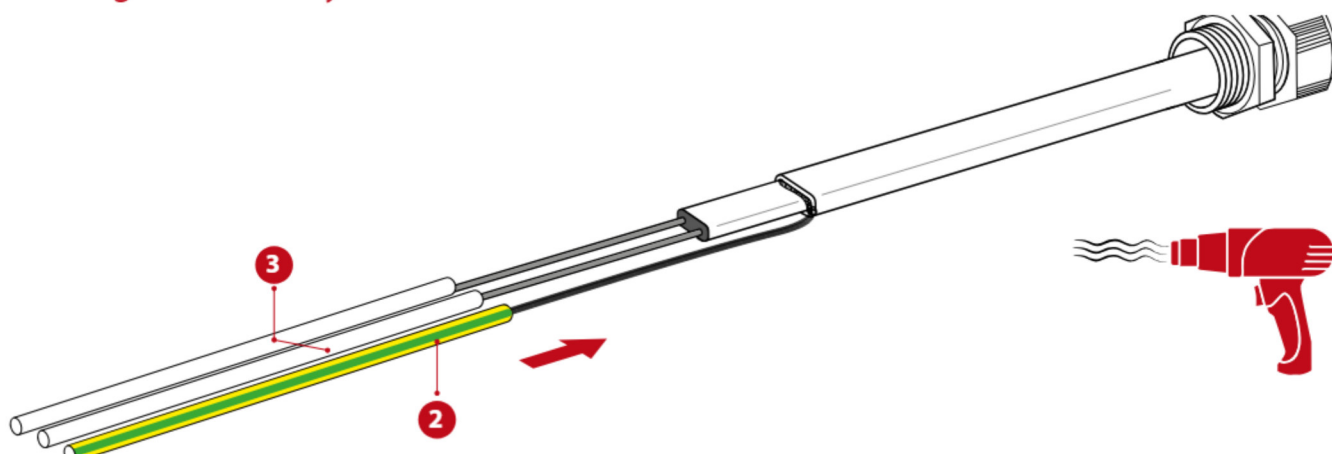
## Remove inner insulation



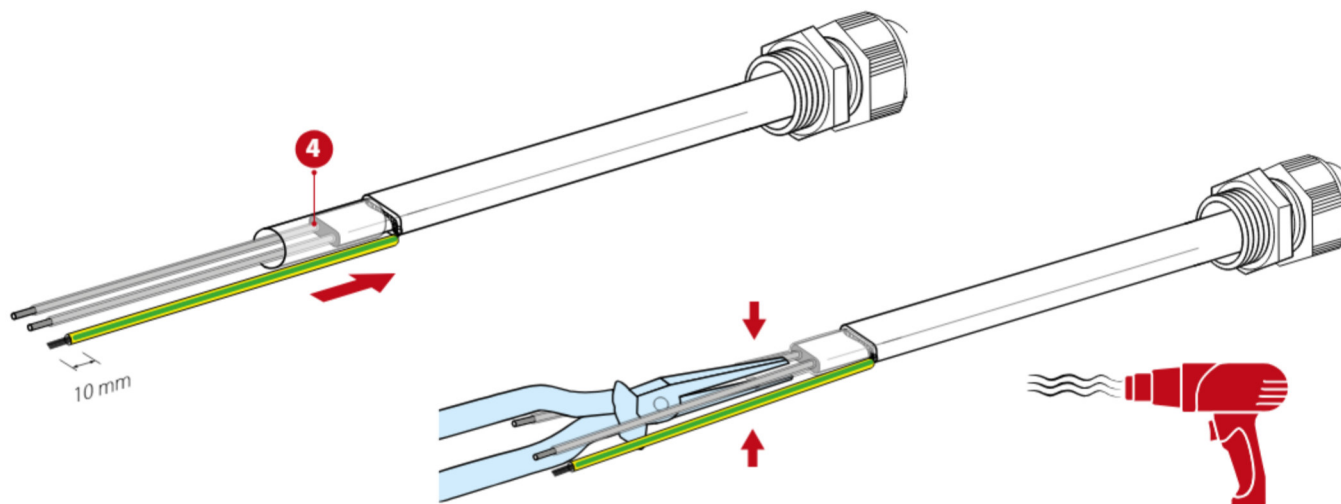
## Expose supply conductors



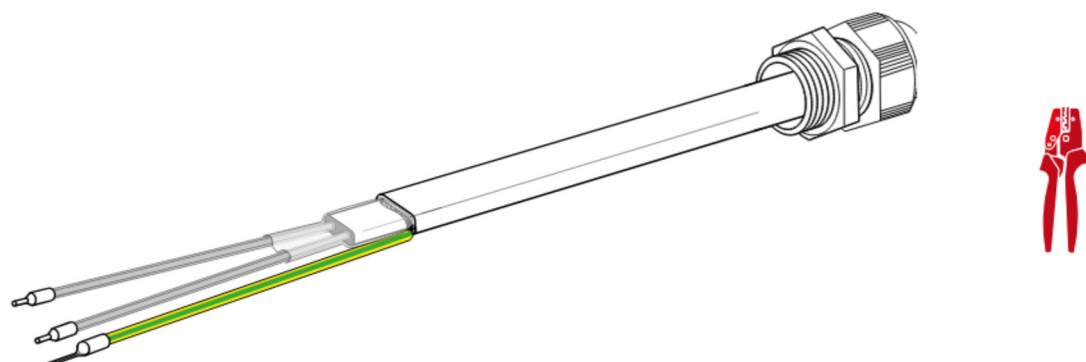
## Finalising the assembly



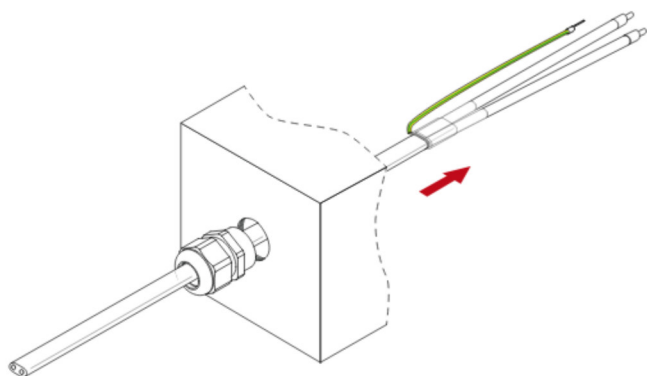
Slide the heat-shrink tubing (2 & 3) onto the supply and earthing conductors/braid and shrink at 150°C



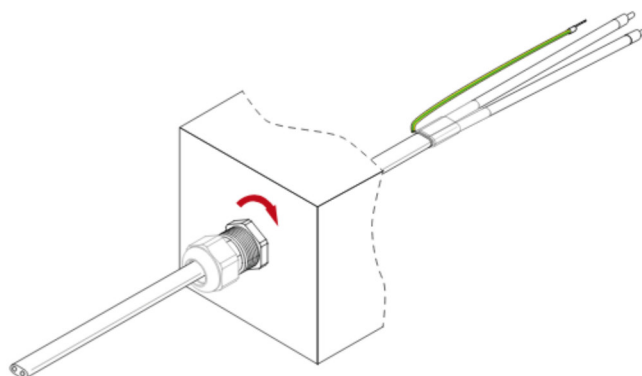
Slide on the heat-shrink tubing (4), shrink at 150°C and press together between the supply conductors with needle-nose pliers when warm



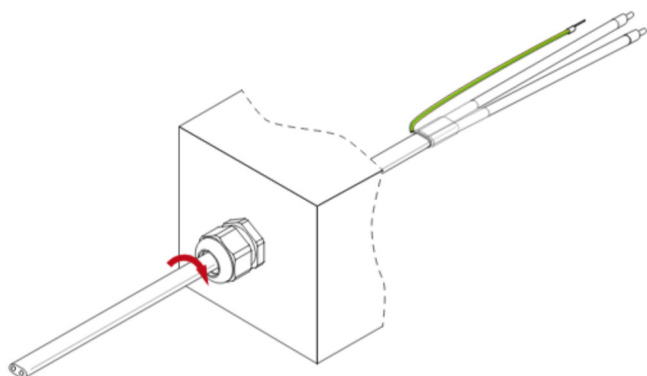
Push the wire end ferrules onto the supply conductors, push the pin terminal lug onto the braid and crimp using a suitable tool



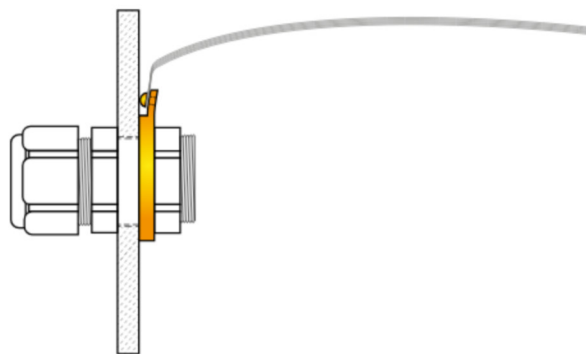
1. Insert the pre-assembled heating cable into the junction box



2. Screw the lower part of the cable gland into the junction box



3. Position the seal and tighten the cable gland



When installing metal cable glands in plastic enclosures:  
Earth the cable gland with an earthing kit!



## WARNING

In hazardous areas, it is essential to observe the instructions for the cable glands. They contain further important information for safe use!



## NOTE

An earthing kit is not included in the set. If an earthing kit is required, this must be ordered separately

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