

## Installation Manual

## Connection Kit for Wall Mounted Junction Box

### Heat Trace Accessories

### Document properties (TUM5102)

Revision	Comment	Revision date	Approved
D	New design	08.03.2022	CKR
E	Changed illustration for mounting	18.07.2022	CKR

# Installation and operating manual

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## Contents

- Document properties (TUM5102) ..... 1
- Warnings and risk levels..... 3
- General information ..... 3
- Marking and intended use ..... 4
- Special conditions for safe use..... 5
- Technical data ..... 5
- Product description..... 5
- Transport and storage ..... 5
- Mounting and installation..... 6
  - Mounting ..... 6
- Maintenance and cleaning..... 7
- Disposal..... 7

## Warnings and risk levels

### DANGER

Non-compliance with the instruction results in risk of severe or fatal injuries to persons

### WARNING

Non-compliance with the instruction may result in risk of severe or fatal injuries to persons

### CAUTION

Non-compliance with the instruction may result in risk of injuries or damage to equipment

### NOTICE

Non-compliance with the instruction may result in reduced lifetime of equipment, malfunctions etc.

## General information

Ensure that this accessory is suitable for use together with your exact equipment.

Before installation, make sure to read and understand this installation and operating manual.

Observe national assembly and installation regulations.

Always contact the manufacturer if anything is unclear, or if you notice any faults on the product or in this document.

This installation and operating manual shall be available to anyone operating, installing, inspecting, modifying or repairing the equipment.

## Marking and intended use

### CAUTION

Not intended for use in “these” conditions (Where mud may be present, on helidecks, underground, direct sunlight, heavy vibrations, high risk of impact, harsh cleaning agents, high pressure washer etc.)

This is an accessory, and do not hold its own CE mark. This component is covered by the DoC and CE marking of its associated equipment.

Intended for use together with Stahl Tranberg Junction boxes and thermostats.

## Special conditions for safe use

### DANGER

Special conditions for safe use are critical conditions to maintain the safety of the equipment. These shall be adhered to in all cases and under all circumstances.

- Note that changes made to the product and/or installation of components which do not conform to the approval, may be a safety violation. The manufacturer will in no circumstance be held responsible for such activity. For your health and safety, always use safety gear suited for the task. Be certain to follow codes, regulations and/or specific procedures that are related to the installation.

## Technical data

Property	Value	Value
Ex protection	According to associated equipment.	II 2 G Ex e IIC Gb
Ingress protection		IP66/67
Entry threads		M25
Thread length		9/15 mm
Material	Brass/AISI 316	
Material Seal	Silicone: -60°C ... +135°C	
Application	Outdoor enclosure	
Function	Seal on outer sheet only	

## Product description

Connection Kit for wall mounted junction box. The kit provides water-resistant cable entry into the junction box.

## Transport and storage

- Transport and store the component only in the original packaging
- Store the equipment in a dry and vibration free place
- Do not drop!

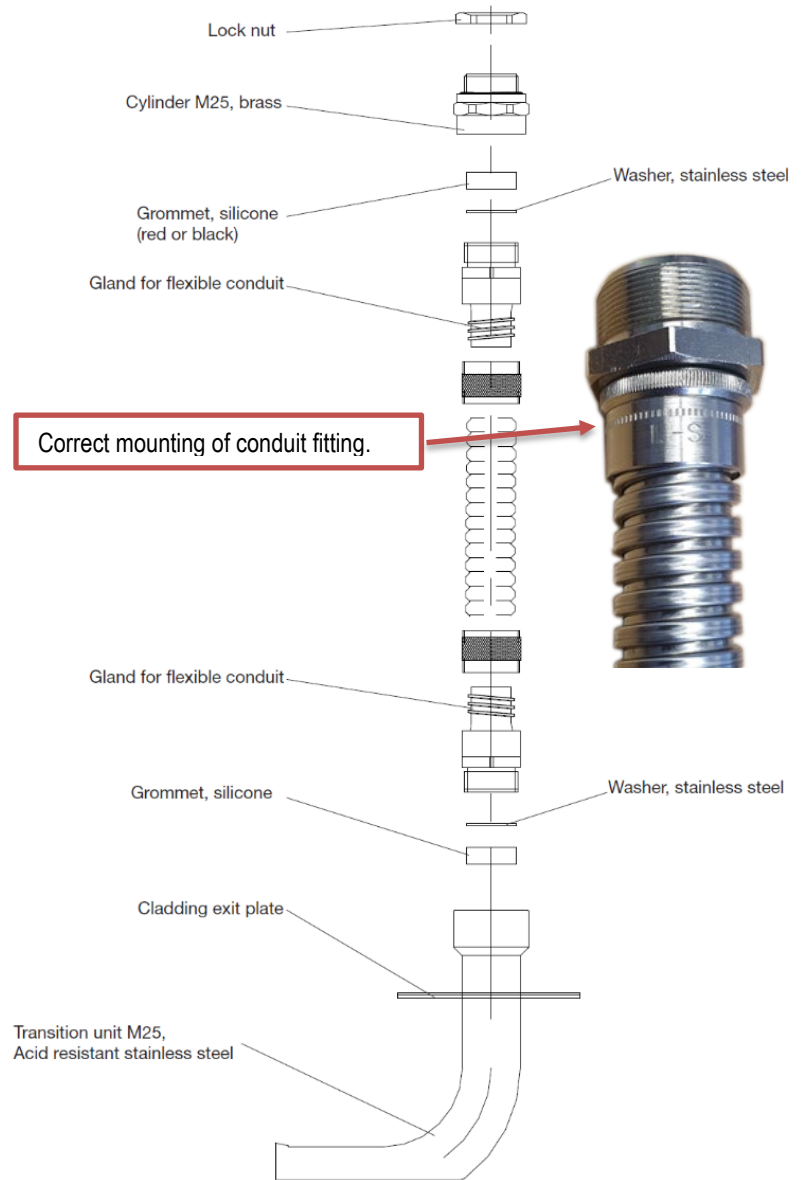
## Mounting and installation

### DANGER

Incorrect mounting and installation may lead to risk for falling objects, risk for electric shock or fire and risk for equipment malfunction. In turn, this can lead to severe damage and/or injuries.

### Mounting

- Choose the required length of the flexible conduit, to be used for connection to the junction box.
- According to drawing thread the end of the heating cable through all the components including the flexible conduit.
- Use pipe straps to fasten the transition unit to the pipe
- Lay out the cable on the pipe. Mount the cable to the pipe by means of fixing tape (see installation instruction for heating cable)
- Put the grommet and washer into the transition unit.
- Screw the conduit fitting into transition unit and tighten thoroughly.
- Fasten the flexible conduit into the fitting.
- Fix the other side of the flexible conduit and tighten the fitting into the gland body. Make sure the grommet is tight against the cable. Recommended torque 10Nm
- Pull the heat cable to make sure it is secured in the grommet.
- Fasten the gland body in the junction box by lock nut.
- Mount the power termination kit and connect the conductors to the terminals (see installation instruction for the power termination kit).



## Maintenance and cleaning

The equipment should be inspected according to Company routines. The manufacturer suggests regular check for water intrusion/condensation which should be removed immediately.

## Disposal

- Observe national and local regulations and statutory regulations regarding disposal
- Separate materials when sending it for recycling
- Ensure environmentally friendly disposal of all components
- No component or packaging shall end up in the ocean during any stage of the product's lifetime