THE POWER BEHIND POWER.

Operating instructions
MESSKO® OLS. Oil level switch

12546561/01 EN

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Generally the information provided and agreements made when processing the individual quotations and orders are binding.
The product is delivered in accordance with MR's technical specifications, which are based on information provided by the customer. The customer has a duty of care to ensure the compatibility of the specified product with the customer's planned scope of application.
The original operating instructions were written in German.

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1 Introduction

This technical file contains detailed descriptions on the safe and proper installation, connection, commissioning and monitoring of the product.

This technical document is intended solely for specially trained and authorized personnel.

1.1 Manufacturer

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Customer portal

You can find additional information on this product in our customer portal at portal.reinhausen.com.

1.2 Completeness

This technical file is incomplete without the supporting documents.

The following documents apply to this product:
- Operating instructions
- Works certification

1.3 Safekeeping

Keep this technical file and all supporting documents ready at hand and accessible for future use at all times.

1.4 Notation conventions

This section contains an overview of the symbols and textual emphasis used.

1.4.1 Hazard communication system

Warnings in this technical file are displayed as follows.

1.4.1.1 Warning relating to section

Warnings relating to sections refer to entire chapters or sections, sub-sections or several paragraphs within this technical document. Warnings relating to sections have the following format:

⚠ WARNING

Type of danger!
Source of the danger and its consequences.

- Action
- Action

1.4.1.2 Embedded warning information

Embedded warnings refer to a particular part within a section. These warnings apply to smaller units of information than the warnings relating to sections. Embedded warnings use the following format:

⚠ DANGER! Instruction for avoiding a dangerous situation.

1.4.1.3 Signal words

Depending on the product, the following signal words are used:

Signal word	Meaning
DANGER	Indicates a hazardous situation which, if not avoided, will result in death or serious injury.
WARNING	Indicates a hazardous situation which, if not avoided, could result in death or serious injury.
CAUTION	Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.
NOTICE	Indicates measures to be taken to prevent damage to property.

Table 1: Signal words in warning notices

1.4.2 Information system

Information is designed to simplify and improve understanding of particular procedures. In this technical file it is laid out as follows:

Important information.

1.4.3 Instruction system

This technical file contains single-step and multi-step instructions.

Single-step instructions

Instructions which consist of only a single process step are structured as follows:

Aim of action
✓ Requirements (optional).
1. Step 1 of 1.
   » Result of step (optional).
» Result of action (optional).

Multi-step instructions

Instructions which consist of several process steps are structured as follows:

Aim of action
✓ Requirements (optional).
1. Step 1.
   » Result of step (optional).
2. Step 2.
   » Result of step (optional).
» Result of action (optional).

1.4.4 Typographic conventions

Typographic convention	Purpose	Example
UPPERCASE	Operating controls, switches	ON/OFF
[Brackets]	PC keyboard	[Ctrl] + [Alt]
Bold	Software operating controls	Press **Continue** button
...>...>...	Menu paths	Parameter > Control parameter
Italics	System messages, error messages, signals	*Function monitoring* alarm triggered
[► Number of pages]	Cross reference	[► Page 41].
Dotted underscore	Glossary entry, abbreviations, definitions, etc.	Glossary entry

Table 2: Typographic conventions used in this technical file

2 Safety

Read this technical file through carefully to familiarize yourself with the product. This technical file is a part of the product.
- Read and observe the safety instructions provided in this chapter in particular.
- Observe the warnings in this technical file to avoid function-related dangers.

The product is manufactured based on state-of-the-art technology. Nevertheless, danger to life and limb for the user or impairment of the product and other material assets may arise in the event of improper use.

2.1 Intended use

The oil level switch issues a signal when the oil level in the transformer is too low.

If used as intended and in compliance with the requirements and conditions specified in this technical file as well as the warning notices in this technical file and attached to the product, then the product does not present any danger to people, property or the environment. This applies throughout the service life of the product, from delivery, installation and operation to removal and disposal.

The following is considered intended use:
- Only use the product with the transformer specified in the order.
- Operate the product in accordance with this technical documentation, the agreed-upon delivery conditions and the technical data.
- Only operate the product with correctly installed cable glands.
- Ensure that all necessary work is performed by qualified personnel only.
- Use the equipment and special tools supplied solely for the intended purpose and in accordance with the specifications of this technical file.

2.2 Fundamental Safety Instructions

To prevent accidents, disruptions and damage as well as unacceptable adverse effects on the environment, those responsible for transport, installation, operation, maintenance and disposal of the product or parts of the product must ensure the following:

Personal protective equipment

Loosely worn or unsuitable clothing increases the danger of becoming trapped or caught up in rotating parts and the danger of getting caught on protruding parts. This results in danger to life and limb.

- All necessary devices and personal protective equipment required for the specific task, such as a hard hat, safety footwear, etc. must be worn. Observe the "Personal protective equipment" [▶Section 2.4, Page 14] section.
- Never wear damaged personal protective equipment.
- Never wear rings, necklaces or other jewelry.
- If you have long hair, wear a hairnet.

Work area

Untidy and poorly lit work areas can lead to accidents and malfunctions.

- Keep the work area clean and tidy.
- Make sure that the work area is well lit.
- The device, tools and installation materials must be clean and dry.
- Observe the applicable laws for accident prevention in the relevant country.

Pollution level

Moisture, dust, sweat and other conductive dirt may cause malfunctions in the device. To ensure contamination level II, observe the following information:

- Wear assembly gloves.
- Ensure that no dirt or moisture enters the device when it is open.
- Close up the device after installation.

Explosion protection

Highly flammable or explosive gases, vapors and dusts can cause serious explosions and fire.

- Do not install or operate the product in areas where a risk of explosion is present.

Safety markings

Warning signs and safety information plates are safety markings on the product. They are an important aspect of the safety concept. Safety markings are depicted and described in the chapter "Product description".

- Observe all safety markings on the product.
- Make sure all safety markings on the product remain intact and legible.
- Replace safety markings that are damaged or missing.

Ambient conditions

To ensure reliable and safe operation, the product must only be operated under the ambient conditions specified in the technical data.

- Observe the specified operating conditions and requirements for the installation location.

Modifications and conversions

Unauthorized or inappropriate changes to the product may lead to personal injury, material damage and/or operational faults.

- Only modify the product after consultation with Reinhausen GmbH.

Spare parts

Spare parts not approved by Reinhausen GmbH may lead to physical injury, damage to the product and malfunctions.

- Only use spare parts that have been approved by Reinhausen GmbH.
- Contact Reinhausen GmbH.

Working during operation

You must only operate the product when it is in a sound operational condition. Otherwise it poses a danger to life and limb.

- Regularly check the operational reliability of safety equipment.
- Perform the inspection tasks described in this technical document regularly.

2.3 Personnel qualification

The person responsible for assembly, commissioning, operation and inspection must have the following qualifications.

Electrically skilled person

The electrically skilled person has a technical qualification and therefore has the required knowledge and experience, and is also conversant with the applicable standards and regulations. The electrically skilled person is also proficient in the following:

- Can identify potential dangers independently and is able to avoid them.
- Is able to perform work on electrical systems.
- Is specially trained for the working environment in which (s)he works.
- Must satisfy the requirements of the applicable statutory regulations for accident prevention.

Technical Service

We strongly recommend having repairs and retrofitting carried out by our Technical Service department. This ensures that all work is performed correctly. If repairs are not carried out by our Technical Service department, please ensure that the personnel who carry out the work are trained and authorized by Reinhausen GmbH.

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2.4 Personal protective equipment

Personal protective equipment must be worn during work to minimize risks to health.

- Always wear the personal protective equipment required for the job at hand.
- Never wear damaged personal protective equipment.
- Observe information about personal protective equipment provided in the work area.

Protective clothing	Close-fitting work clothing with a low tearing strength, with tight sleeves and with no protruding parts. It mainly serves to protect the wearer against being caught by moving machine parts.
Safety shoes	To protect against falling heavy objects and slipping on slippery surfaces.
Safety glasses	To protect the eyes from flying parts and splashing liquids.
Visor	To protect the face from flying parts and splashing liquids or other dangerous substances.
Hard hat	To protect against falling and flying parts and materials.
Hearing protection	To protect against hearing damage.
Protective gloves	To protect against mechanical, thermal and electrical hazards.

Table 3: Personal protective equipment

3 Product description

3.1 Scope of delivery

The product is packaged with protection against moisture and is delivered as follows:
- Oil level switch
- Technical documents (in digital form as standard)

Please note the following:
- Check the shipment against the shipping documents for completeness
- Store the parts in a dry place until installation
- The product must remain in the packaging and may only be removed immediately before installation

3.2 Function description

The oil level switch monitors the oil level in the transformer with the aid of a float. When the oil level falls below the minimum value, the float with magnet sinks downward. The change-over contact loses contact with the magnet and issues the signal "Oil level too low".

When the oil in the transformer is refilled, the float rises again. The change-over contact is engaged by the magnet on the float rod again. The switch issues "Oil level OK" again.

The product's switching point is set on the product at the factory based on defined conditions.

3.3 Design

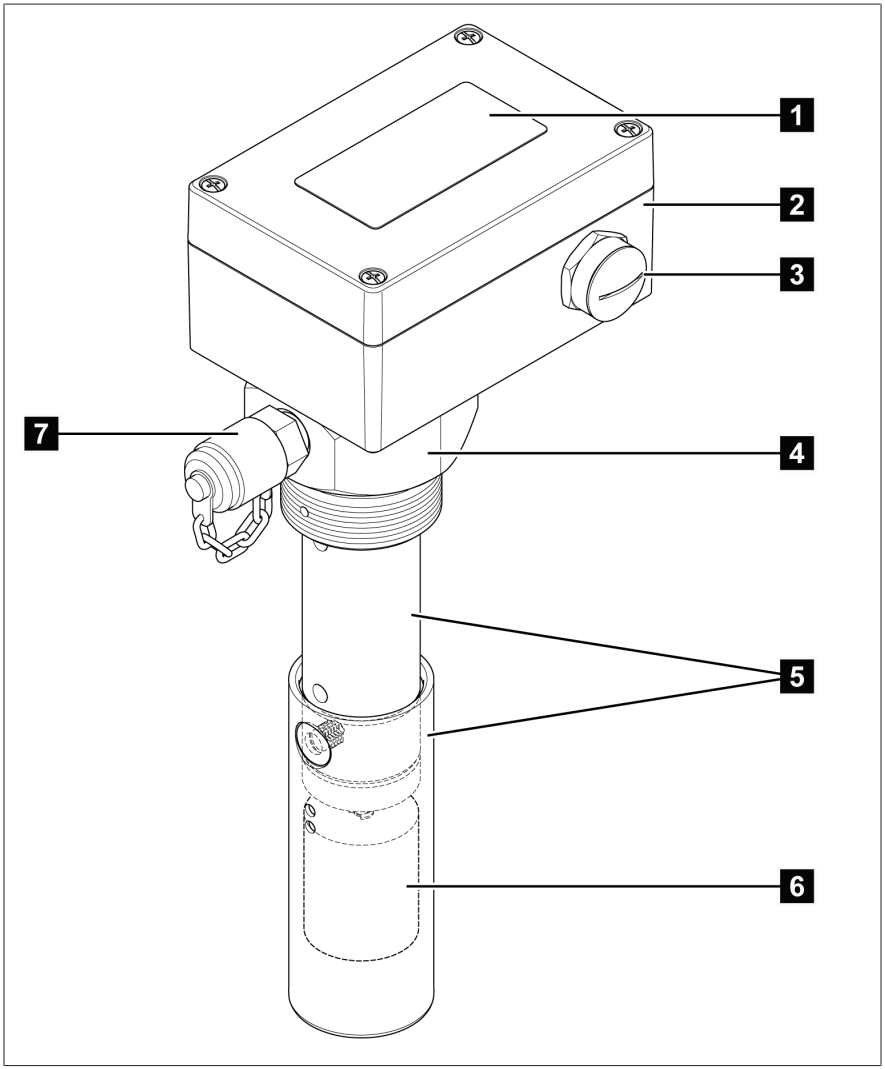


Figure 1: Design

1	Name plate	2	Terminal box with terminal strip and switch (change-over contact)
3	Connection for cable gland (M20x1.5)	4	Screw-in housing with wrench size 60 and G1½" thread for adaptation on the transformer
5	Protective tube (plastic) for float assembly	6	Float gauge
7	Pressure test point or vent screw		

Switching point

The switching point is the distance from the contact surface of the screw-in housing to the minimum oil level in the transformer.

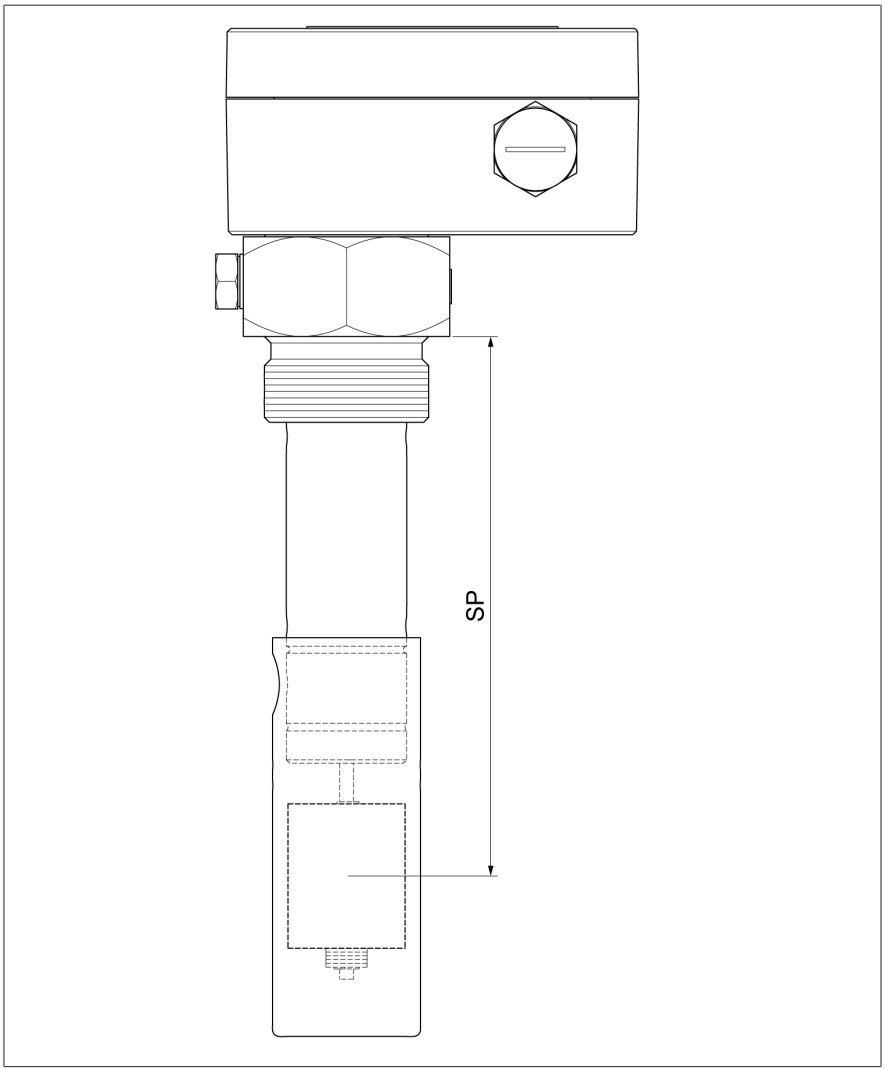


Figure 2: Switching point

3.4 Versions

The device is available in two versions:

- Oil level switch with vent screw

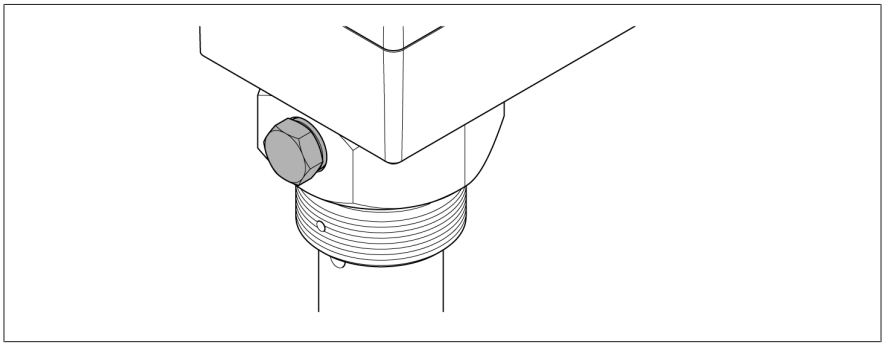


Figure 3: Version with vent screw

- Oil level switch with pressure test point

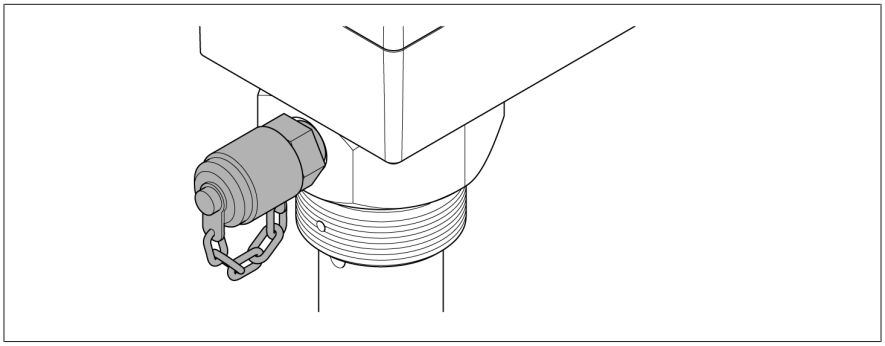


Figure 4: Version with pressure test point

3.5 Name plate

The name plate is on the upper side of the cable box.

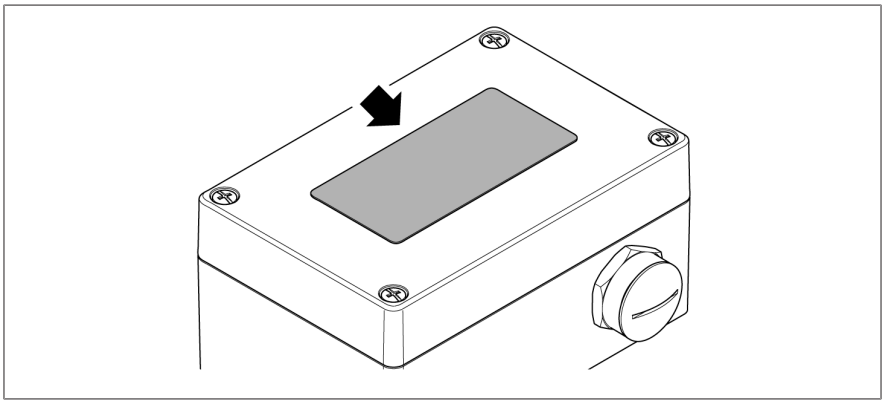


Figure 5: Name plate

4 Packaging, transport and storage

4.1 Purpose

The packaging is designed to protect the packaged product during transport, loading, unloading and during periods of storage in such a way that no detrimental changes occur. The packaging must protect the goods against permitted transport stresses such as vibration, knocks and moisture (rain, snow, condensation).

The packaging also prevents the packaged goods from moving impermissibly within the packaging.

4.2 Suitability, structure and production

The goods are packaged in a sturdy cardboard box or solid wooden crate. These ensure that the shipment is secure when in the intended transportation position and that none of its parts touch the loading surface of the means of transport or touch the ground after unloading.

Inlays inside the box or crate stabilize the goods, preventing impermissible changes of position and protecting them from vibration.

4.3 Markings

The packaging bears a signature with instructions for safe transport and correct storage. The following symbols apply to the shipment of non-hazardous goods. Adherence to these symbols is mandatory.

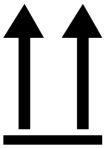
Protect against moisture	 Top	Fragile	Attach lifting gear here	Center of mass

Table 4: Shipping pictograms

4.4 Transportation, receipt and handling of shipments

In addition to vibrations, jolts must also be expected during transportation. In order to prevent possible damage, avoid dropping, tipping, knocking over and colliding with the product.

If the packaging tips over or falls, damage is to be expected regardless of the weight.

Every delivered shipment must be checked for the following by the recipient before acceptance (acknowledgment of receipt):
- Completeness based on the delivery slip
- External damage of any type.

The checks must take place after unloading when the cartons or transport container can be accessed from all sides.

Visible damage

If external transport damage is found upon receipt of the shipment, proceed as follows:

- Immediately record the transport damage found in the shipping documents and have this countersigned by the carrier.
- In the event of severe damage, total loss or high damage costs, immediately notify the sales department at Reinhausen GmbH and the relevant insurance company.
- After identifying damage, do not modify the condition of the shipment further and retain the packaging material until an inspection decision has been made by the transport company or the insurance company.
- Record the details of the damage immediately on site together with the carrier involved. This is essential for any claim for damages!
- If possible, photograph damage to packaging and packaged goods. This also applies to signs of corrosion on the packaged goods due to moisture inside the packaging (rain, snow, condensation).
- Be absolutely sure to also check the sealed packaging.

Hidden damage

When damage is not determined until unpacking after receipt of the shipment (hidden damage), proceed as follows:

- Make the party responsible for the damage liable as soon as possible by telephone and in writing, and prepare a damage report.
- Observe the time periods applicable to such actions in the respective country. Inquire about these in good time.

With hidden damage, it is very hard to make the transportation company (or other responsible party) liable. Any insurance claims for such damage can only be successful if relevant provisions are expressly included in the insurance terms and conditions.

4.5 Storage of shipments

When selecting and setting up the storage location, ensure the following:
- Store the product and accessories in the original packaging until installation.
- Protect stored goods against moisture (rain, flooding, water from melting snow and ice), dirt, pests such as rats, mice, termites etc. and against unauthorized access.
- Store crates and boxes on pallets, timber beams or planks as protection against ground moisture and for improved ventilation.
- Ensure that the foundation has sufficient load-bearing capacity.
- Keep entrance paths clear.
- Check the stored goods at regular intervals. Also take appropriate action after storms, heavy rain or snow etc.

4.6 Further transport

Use the original product packaging for further transport.

If you transport the product to the final installation site in a mounted state, observe the following information in order to protect the product against mechanical damage due to external influences.

Transport packaging requirements
- Select packaging suitable for the duration of transport or storage, taking the climatic conditions into consideration.
- Ensure that the packaging protects the product against transport stress such as shaking, vibrations and impacts.
- Ensure that the packaging protects the product against moisture such as rain, snow and condensation.
- Ensure that the packaging allows for sufficient air circulation in order to prevent the formation of condensation.

5 Mounting

This chapter describes the installation and electrical connection of the oil level switch.

⚠ DANGER

Electric shock!
Danger of death due to electrical voltage when assembling/disassembling the device.

- Switch off transformer on high and low-voltage side.
- Lock transformer to prevent unintentional restart.
- Ensure that everything is de-energized.
- Visibly connect all transformer terminals to ground (grounding leads, grounding disconnectors) and short circuit them.
- Cover or cordon off adjacent energized parts.

NOTICE

Damage to the device!
Electrostatic discharge can lead to damage to the device.

- Take precautionary measures to prevent the build-up of electrostatic charges on work surfaces and personnel.

5.1 Preparation

Observe the following information for the electrical connection.

5.1.1 Cable gland

The customer must provide and install a suitable cable gland to ensure the IP degree of protection. The existing connection on the device has a 6.5 mm deep M20x1.5 internal thread. The cable entry is fitted with a locking screw as protection against contamination. Please observe all subsequent installation instructions in this chapter as well as the instructions of the cable gland supplier.

5.1.2 Requirements on the customer connection

Observe the following for the customer-side connection:

- Thread
  - Make sure that the customer's counterpart has a G1½" thread with sufficient thread length.
  - The internal and external threads must be clean and undamaged.
- Gasket
  - The gasket selected must be suitable for the connection dimensions and geometry (see graphic).
  - The sealing surface must be clean and undamaged.

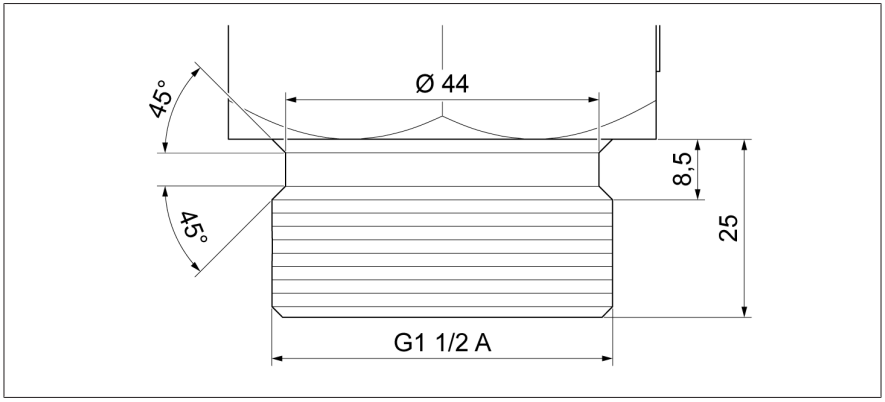


Figure 6: Thread connection dimensions and gasket geometry

5.2 Installing the oil level switch

1. Slide the gasket (not included in the delivery) onto the screw-in housing.
2. Insert the protective tube of the oil level switch into the designated opening on the transformer.

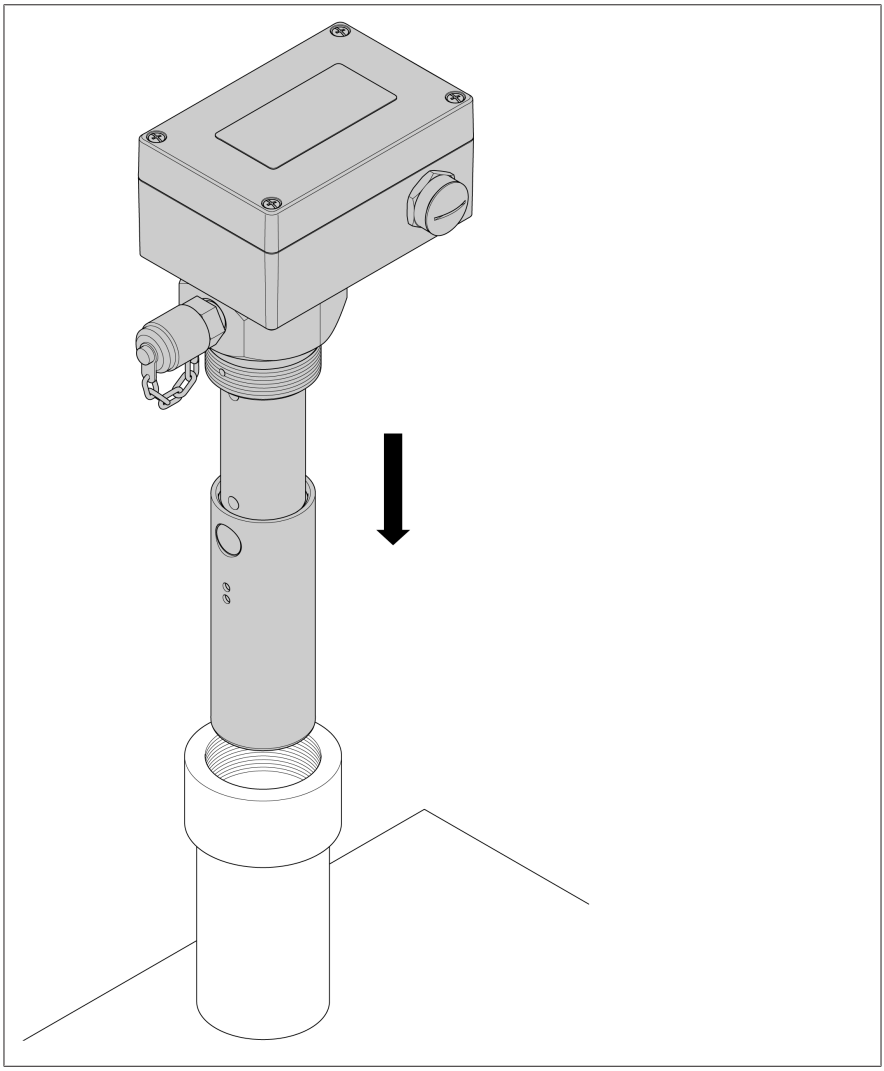


Figure 7: Inserting the oil level switch

3. Tighten the screw-in housing using a wrench (wrench size 60) with a torque corresponding to the type of connection.

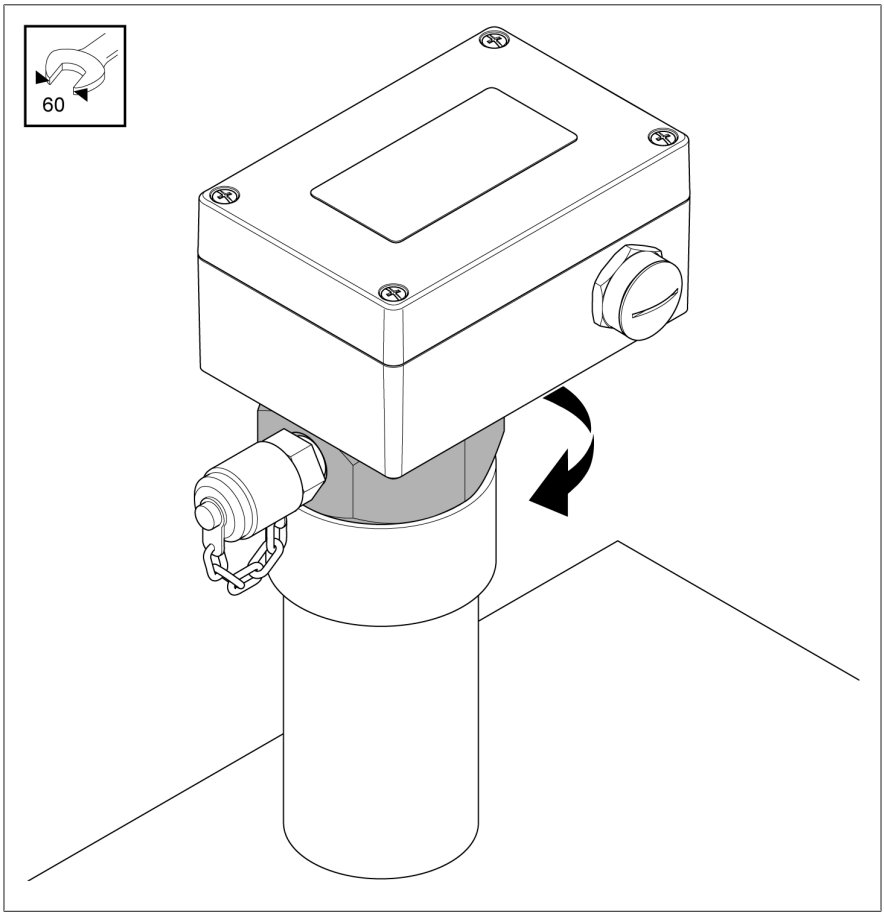


Figure 8: Oil level switch installation

5.3 Electrical connection

⚠ WARNING

Electric shock!
Too small bending radii could damage the insulation of cables or cores.

› Observe bending radii for the cables and their cores according to the manufacturer's instructions.

⚠ WARNING

Fire hazard!
There is a fire hazard if the conductor material is not suitable for the terminals. This can lead to severe burns and property damage.

› Use copper conductors only.

NOTICE

Damage to the device!
Electrostatic discharge can lead to damage to the device.

› Take precautionary measures to prevent the build-up of electrostatic charges on work surfaces and personnel.

5.3.1 Safeguarding the power circuits

You may only connect the device to circuits with an external overcurrent protective device and an all-pole isolating device so that the equipment can be fully de-energized if required.

Suitable equipment includes isolating devices in accordance with IEC 60947-1 and IEC 60947-3 (e.g. circuit breakers). Observe the properties of the relevant circuits (voltage, maximum currents) when selecting the circuit breaker type. In addition, observe the following:

- It must be easy for the operator to access the isolating device.
- The isolating device must be labeled for the device and the circuits to be isolated.
- The isolating device may not be a part of the power line.
- The isolating device may not interrupt the main protective conductor.

Miniature circuit breaker

You must protect the mains circuits for the main switching contacts as follows:

Miniature circuit breaker	Reed switch
Rated current	6 A
Triggering characteristic	C

Table 5: Miniature circuit breaker

Conductor cross-section

For all mains circuits, use a conductor cross-section suitable for the miniature circuit breaker that you have selected, but at least 1.5 mm^2 (AWG 16).

5.3.2 Cable recommendation

Please note the following recommendation from the manufacturer when wiring the device:

- To make the connection, you need cable glands (M20x1.5) that match the connection cable (not included in the delivery) to ensure tightness of seal.
- The cables used must be flame-resistant in accordance with IEC 60332-1-2 or UL 2556 VW-1.
- Only use copper conductors.
- Ensure that the copper cables used have a temperature resistance of 135 °C (operating temperature max. 115 °C plus device intrinsic heating 20 K).

Cable	Conductor cross-section	Conductor material
Protective conductor connection	≥ all other conductors	Copper
Connection terminal strip for reed switch	1.5–4 mm^2	Copper

Table 6: Recommendation for connection cables

It must be possible to apply a nominal voltage of at least 300 V to all connection cables;
Cable type unshielded rigid or flexible.

5.3.3 Connection via terminal box

1. After installing the oil level switch on the transformer, turn the connection box clockwise until the cable entry is in the desired position.

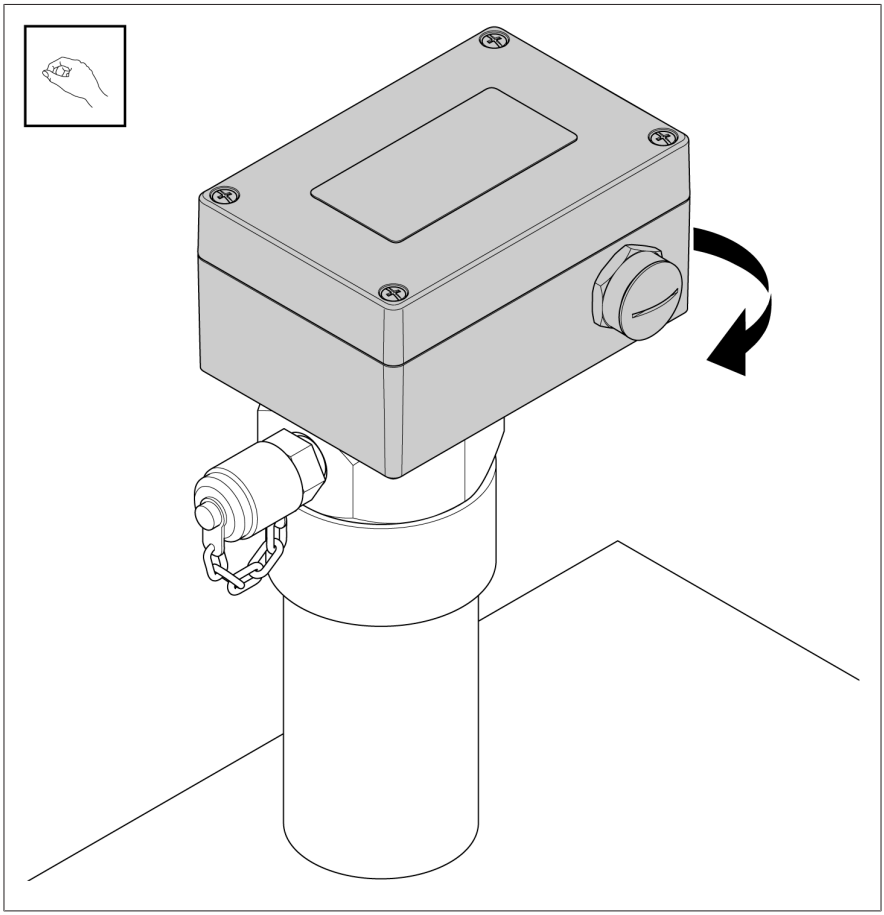


Figure 9: Rotation direction

2. Unscrew the 4 screws on the terminal box (crosshead screwdriver) and remove the cover.

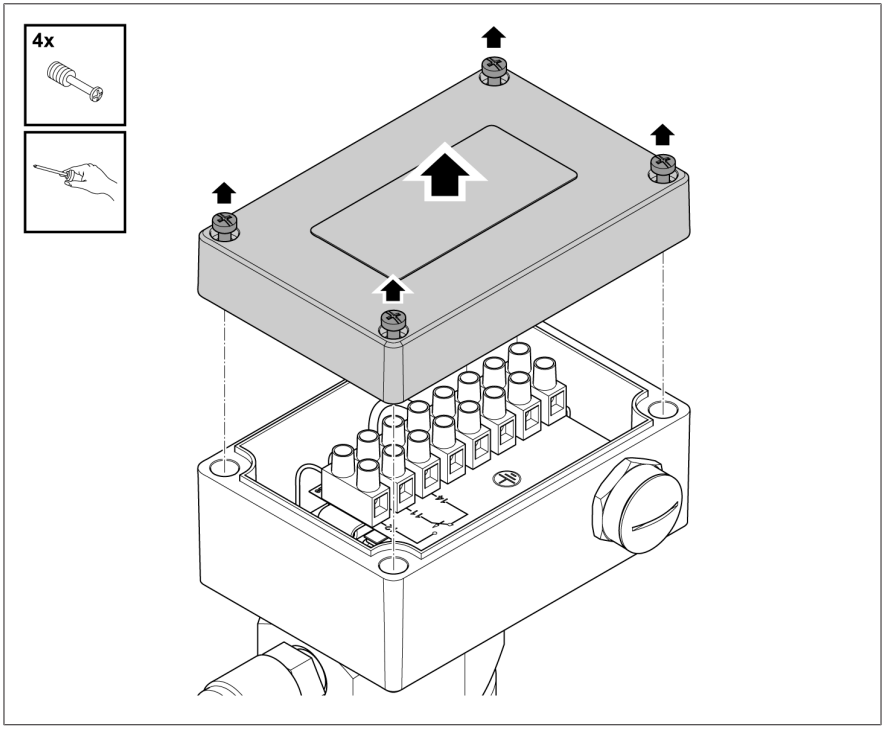


Figure 10: Terminal box cover

3. Take the locking screw out of the cable entry.

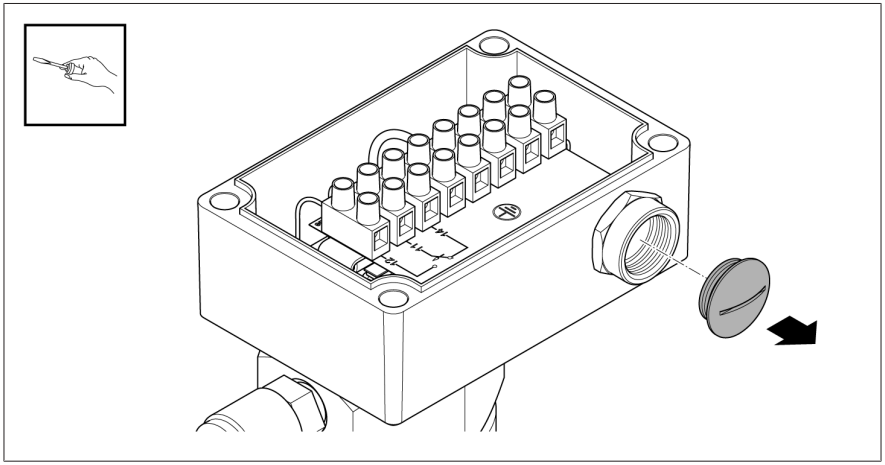


Figure 11: Cable entry locking screw

4. Remove an amount of sheathing from the double-insulated cable (cable diameter suitable for the cable bushing used) appropriate for the wiring, strip off 7 mm of insulation from the individual wires and cap off with ferrules.
5. Install and tighten the M25x1.5 cable gland using an open-end wrench in accordance with the manufacturer's instructions. Pull the cable through.

6. ⚠ WARNING! Do not remove grounding electrode conductors while the device is energized. Do not kink the wires! Connect the signal lines and protective conductor to the labeled terminal strip in loose arcs in accordance with the connection diagram.

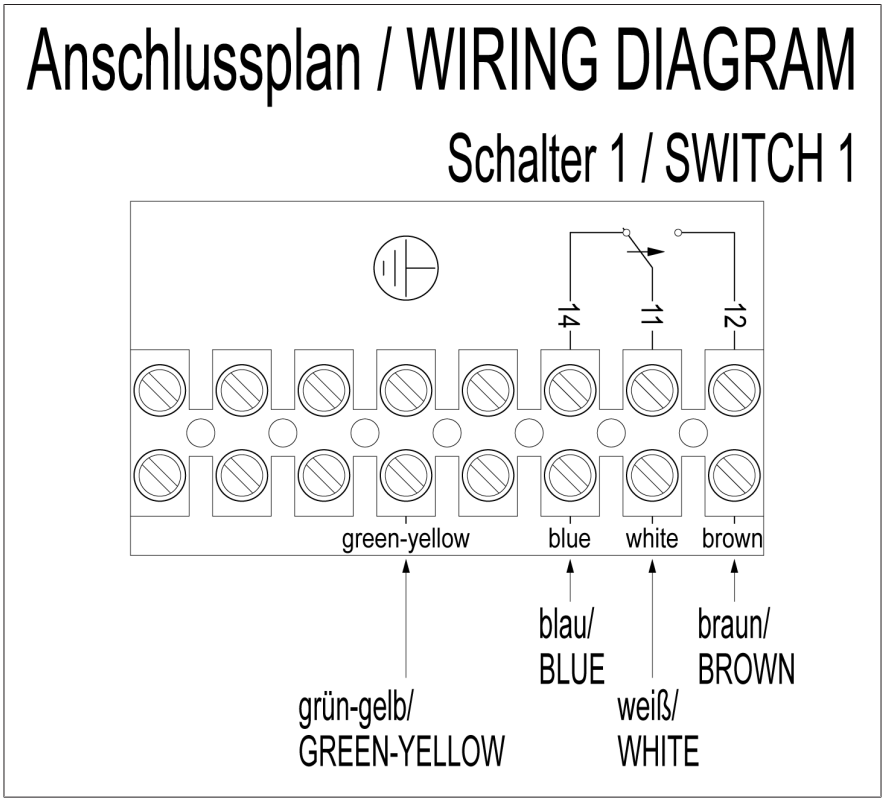


Figure 12: Connection diagram

7. Close the cable gland (observe the tightening torque specified by the manufacturer).

8. Position the cover on the terminal box and affix using the 4 screws (crosshead screwdriver, 0.9 Nm ± 0.1 Nm).

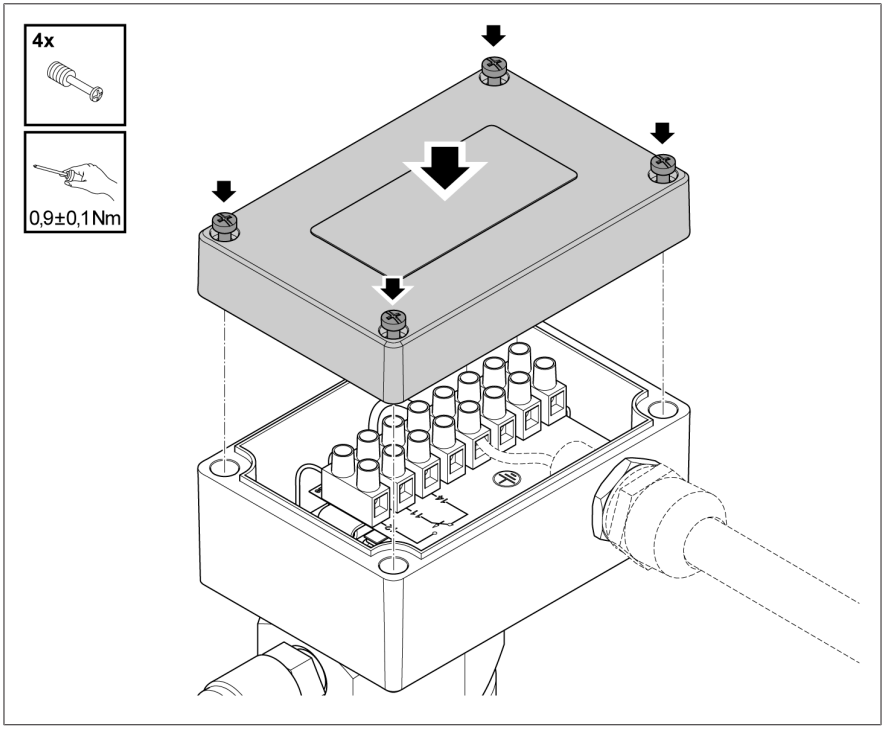


Figure 13: Installing the terminal box cover

6 Commissioning

6.1 Transporting in the installed state

If transportation of the entire assembled unit is necessary between mounting the device onto the transformer / oil conservator and commissioning it, please also refer to the information on further transport [▶Section 4.6, Page 24].

NOTICE

Damage to the device

The device can become damaged during transport due to unsuitable packaging.

- Use suitable packaging for transporting the device in the installed state.
- Protect the device against mechanical damage.
- Prevent the ingress of rain water.
- Ensure sufficient air ventilation without the formation of condensation.

6.2 Venting the oil level switch

To vent the oil level switch, proceed as follows:

Oil level switch with vent screw

1. Loosen the screw on the screw-in housing using an open-end wrench (wrench size 16) until gases escape.

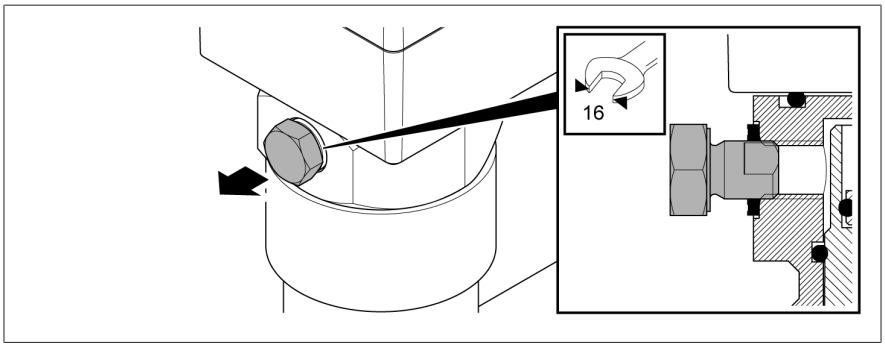


Figure 14: Vent screw

2. A soon as oil begins to escape, tighten the screw using an open-end wrench (wrench size 16, tightening torque 18 Nm).

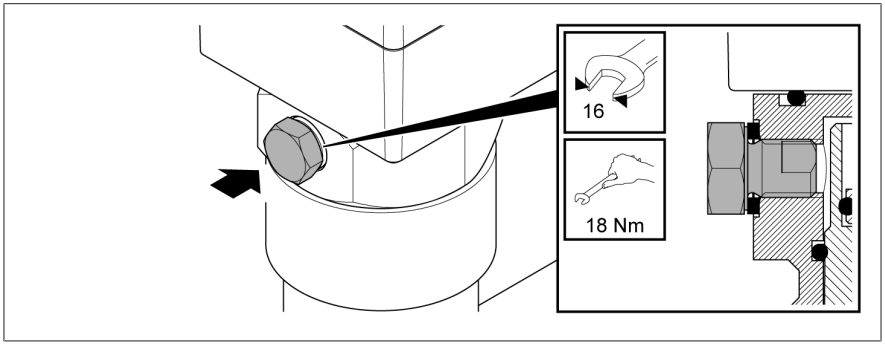


Figure 15: Vent screw

» The oil level switch has been vented.

Oil level switch with pressure test point

1. Unscrew the protective cap counterclockwise by hand.

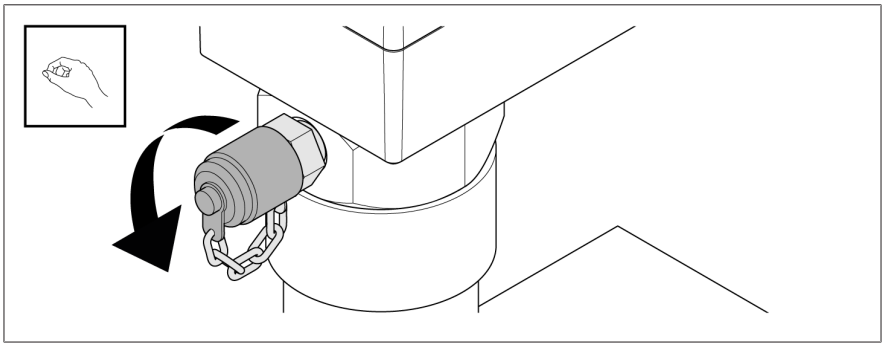


Figure 16: Venting the pressure test point

2. Screw a test point adapter with venting function onto the thread (S16x1.5).
3. Remove the test point adapter as soon as oil begins to escape.
4. Tighten the protective cap hand-tight.

» The oil level switch has been vented.

6.3 Function tests

Check the following after installing the oil level switch:

- Are all connections sealed tight?
- Is the correct oil level being displayed?
- Is the right electrical signal issued?

7 Maintenance, inspection and care

Maintenance

The device is maintenance-free.

Inspection and care

Depending on the conditions of use of the device and the national regulations in the respective country of use, the transformer manufacturers can specify different inspection intervals.

› Observe the inspection intervals defined in CIGRE Publication No. 445 "Guide for Transformer Maintenance" or the inspection intervals specified by the transformer manufacturer.

During occasional visual inspections of the transformer, inspect and clean the device as follows:

1. Clean the device housing with a dry cloth whenever necessary.
2. Check the device for external damage and contamination.

Have the protective conductors checked and, where necessary, the screw connections retightened by an electrically skilled person every four years.

8 Fault elimination

This section describes how to eliminate operating faults.

If a solution cannot be found for a fault, contact Reinhausen GmbH:

Reinhausen GmbH
MR Service & Complaint
Falkensteinstrasse 8
93059 Regensburg
Germany

E-mail: service@reinhausen.com

E-mail: complaint@reinhausen.com

Please have the following data ready:
- Serial number

Please provide answers to the following questions:
- Has there previously been a problem with this device?
- Have you previously contacted Reinhausen GmbH about this issue? If yes, then who was the contact?
- When did the error first occur? Is there a correlation with events such as lightning surge testing (transformer station), thunderstorms, transformer disconnection/reconnection after short circuit or ground fault...?
- Is the error constant or sporadic? Is there a correlation with other events/ conditions, such as extreme ambient temperatures?

9 Disposal

Observe the national disposal regulations in the country of use.

10 Technical data

10.1 Ambient conditions

Permissible ambient conditions	
Location of use	Indoors and outdoors
Operating temperature	-40...+115 °C
Storage temperature	-40...+80 °C
Ambient air temperature	-40...+80 °C
Insulating fluid temperature	-25...+105 °C (up to 115 °C in the event of overloads)
Relative humidity	100%
Installation altitude	Up to 2,000 m above mean sea level
Corrosion protection class in accordance with ISO 12944-9	CX
Degree of protection in accordance with IEC 60529	IP66
Protection class	1
Overvoltage category	III
Pollution level	2 (within the device)

Insulating fluid
– Unused insulating oils derived from petroleum products[1] in accordance with IEC 60296 and ASTM D3487 (equivalent standards on request) – Unused insulating oils derived from other virgin hydrocarbons in accordance with IEC 60296, or blends of these oils with petroleum products[1] in accordance with IEC 60296, ASTM D3487 or equivalent standards on request – Alternative insulating fluids, such as natural and synthetic esters or silicone oils, on request [1] Gas-to-liquid oils (GTL oils) are understood in this context as petroleum products

10.2 Electrical connection

10.2.1 Terminal box

Terminal box	
Connection terminals	Single-wire: 1.5...4 mm², AWG 16-12 or Litz wire with ferrule: 1.5...2.5 mm², AWG 16-14

10.2.2 Dry-reed magnetic switches

Dry-reed magnetic switches	
Quantity	1
Switching function	Change-over contact
Protection	Miniature circuit breaker 6 A, type C
Rated insulation voltage in accordance with IEC 60076-22-1	2,000 VAC/1 min; terminals to ground 1,000 VAC/1 min; between open terminals
Lightning impulse withstand voltage in accordance with IEC 60076-22-1	4,000 VAC/1 min; terminals to ground 3,000 VAC/1 min; between open terminals

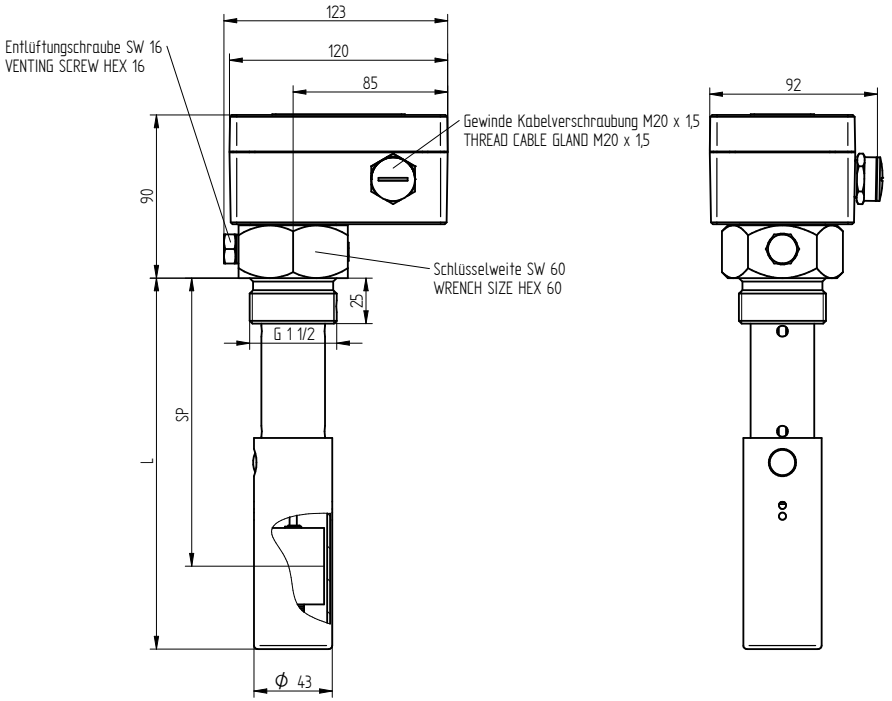
Switching capacity in accordance with IEC 60076-22-1	AC 50/60 Hz	DC
Max. switching voltage	250 V	250 V
Min. switching voltage	24 V	24 V
Max. switching current	1 A	1 A
Max. continuous current	2 A	2 A
Min. switched current at 24 V	50 mA	50 mA
Min. switched current at 250 V	3 mA	3 mA
Max. switching capacity	0.75 VA...250 VA	0.75 W...130 W

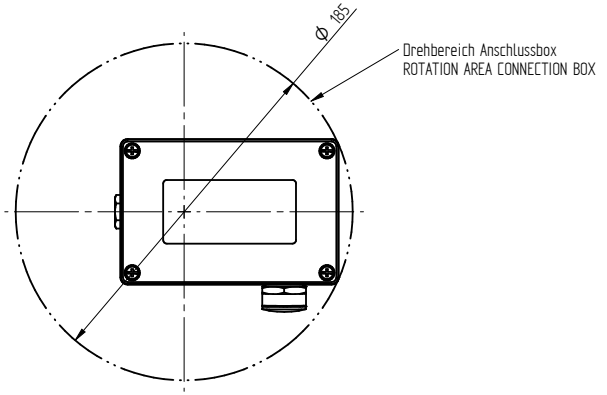
10.3 Dimensions and weight

MESSKO® OLS		
Dimensions	Height: 293 mm Width: 92 mm Length: 155 mm	Height: 328 mm Width: 92 mm Length: 155 mm
Weight	1.5 kg	1.5 kg

11 Drawings

The product may have been altered since this document was published.





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	Date	Name	Document no.	Projection method
Dftr.	19.05.2026	FLEISCHHAUER	SED 12330039 000 01	
Chkd.	19.05.2026	GRIBELE	Change no.	Scale
Stand.	19.05.2026	KLEYN	1145054	1:2

DIMENSION IN mm EXCEPT AS NOTED

MR

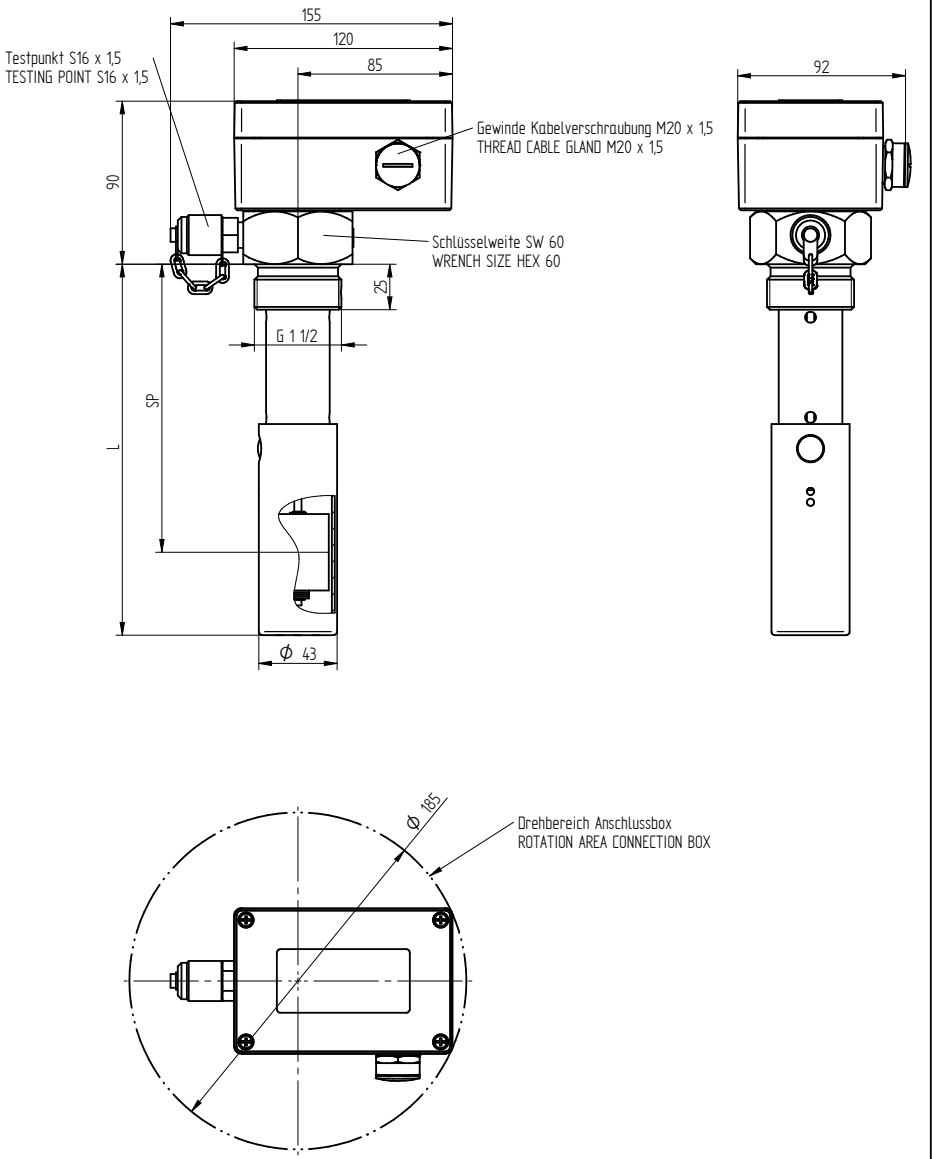
TRANSFORMER ACCESSORIES
OIL LEVEL SWITCH – VENTING SCREW
DIMENSION DRAWING

SERIAL NUMBER –

MATERIAL NUMBER 101905550M

SHEET 1 / 1

A3



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Dftr.	19.05.2026	FLEISCHHAUER	SED 123294.82 000 01	
Chkd.	19.05.2026	GRIBELE	Change no.	Scale
Stand.	19.05.2026	KLEYN	1145054	1:2

DIMENSION IN mm EXCEPT AS NOTED

MR

TRANSFORMER ACCESSORIES
OIL LEVEL SWITCH – TESTING POINT
DIMENSION DRAWING

SERIAL NUMBER
–

MATERIAL NUMBER 101905560M

SHEET 1 / 1

A3

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Please note:
The data in our publications may differ from the data of the devices delivered. We reserve the right to make changes without notice.
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F0436800 - 07/26
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THE POWER BEHIND POWER.