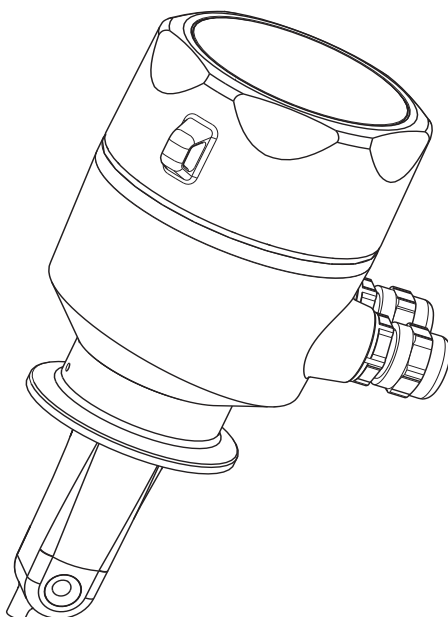


Operating Instructions

OCLD18

Compact inductive conductivity measurement



Documentation information

Warnings

The structure, signal words and color coding of the warnings follow the specifications of ANSI Z535.6 ("Product safety information in product manuals, instructions and other collateral materials").

Safety message structure	Meaning
 DANGER Causes (/consequences) Possible consequences if ignored ► Corrective action	This symbol alerts you to a dangerous situation. Failure to avoid the situation will result in a fatal or serious injury.
 WARNING Causes (/consequences) Possible consequences if ignored ► Corrective action	This symbol alerts you to a dangerous situation. Failure to avoid the situation can result in a fatal or serious injury.
 CAUTION Causes (/consequences) Possible consequences if ignored ► Corrective action	This symbol alerts you to a dangerous situation. Failure to avoid this situation can result in minor or more serious injuries.
 NOTICE Cause/situation Possible consequences if ignored ► Action/note	This symbol alerts you to situations that can result in damage to property and equipment.

Symbols used

-  Additional information, tips
-  Permitted or recommended
-  Forbidden or not recommended

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1 Basic safety instructions

1.1 Requirements for personnel

- ▶ Installation, commissioning, operation and maintenance of the measuring system must only be carried out by specially trained technical personnel.
- ▶ The technical personnel must be authorized to perform such tasks by the owner-operator.
- ▶ The electrical connection must only be established by an electrical technician.
- ▶ The technical personnel must have read and understood these Operating Instructions and must follow the instructions they contain.
- ▶ Faults at the measuring point may only be rectified by authorized and properly trained personnel.



Repairs not described in the Operating Instructions supplied may only be carried out directly at the manufacturer's or by the service organization.

1.2 Designated use

The compact measuring system is used for inductive conductivity measurement in liquids with medium to high conductivity.

Any other use than the one described here compromises the safety of persons and the entire measuring system and is therefore not permitted.

The manufacturer is not liable for damage caused by improper or non-designated use.

NOTICE

Use outside specifications

Incorrect measurements, malfunctions and even measuring point failure are possible

- ▶ Only operate the product in line with the product specifications.
- ▶ Pay particular attention to the technical data on the nameplate.

1.3 Occupational safety

As the user, you are responsible for complying with the following safety regulations:

- Explosion protection guidelines (only devices approved for use in explosion hazardous areas)
- Installation guidelines
- Local standards and regulations

1.4 Operational safety

- ▶ Prior to commissioning the entire measuring point, check that all connections are correct. Ensure that electrical cables and hose connections are not damaged.
- ▶ Do not operate damaged products. Secure them against unintentional startup. Mark the damaged product as defective.
- ▶ If faults cannot be rectified, take the products out of service and secure them against unintentional startup.

1.5 Product safety

The product is designed to meet state-of-the-art safety requirements, has been tested and left the factory in a condition in which it is safe to operate.

The applicable regulations and European standards have been taken into consideration.

2 Incoming acceptance and product identification

2.1 Incoming acceptance

- Make sure the packaging is not damaged!
- Inform your supplier of any damage to the packaging. Keep the damaged packaging until any issues have been resolved.
- Make sure the contents are not damaged!
- Inform your supplier of any damage to the contents. Keep the damaged goods until any issues have been resolved.
- Check the delivery to make sure nothing is missing. Compare it against the shipping documents and your order.
- Pack the product for storage and transportation in such a way that it is reliably protected against impact and moisture. The original packaging provides optimum protection. In addition, the permitted ambient conditions must be observed (see "Technical data").
- If you have any questions, contact your supplier or your local Sales Center.

2.2 Product identification

2.2.1 Nameplate

The nameplate contains the following information:

- Manufacturer data
- Order code
- Serial number
- Operating conditions
- Safety symbols

Compare the order code indicated on the nameplate with your order.

2.2.2 Identifying the product

You can find the order code and serial number of your device:

- On the nameplate
- In the shipping documents

2.2.3 Scope of delivery

The delivery comprises:

- A OCLD18 measuring system in the version ordered
- Operating Instructions

2.3 Certificates and approvals

FDA

All materials in contact with the product are FDA-listed materials (apart from the PVC process connections).

Declaration of Conformity

The product meets the requirements of the harmonized European standards.

As such, it meets the legal regulations of the EC directives.

The manufacturer confirms successful testing of the product by affixing to it the **CE** mark.

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