

Installation Instructions

Process Photometer OUA260

Maintenance kit OUA260



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1 Overview

1.1 Spare parts kits

These installation instructions apply to the following spare parts kits:

| Order code | Designation | Page |
|------------|----------------------------------|---|
| 71142537 | OUA260 Lamp and Detector O-Rings | →  4 |

2 Intended use

- The parts of the kits must only be used as spare parts for flowcells of the OUA260 flowcell family. Any other use is not permitted!
- Only use original parts from Endress+Hauser.
- Only use original parts of the manufacturer.
- In the Device Viewer, check if the spare part is suitable for the device in question.

3 Personnel authorized to carry out conversion

- Installation, commissioning, operation and maintenance of the measuring system may be carried out only by specially trained technical personnel.
- The technical personnel must be authorized by the plant operator to perform the stated tasks.
- The electrical connection may only be established by an electrical technician.
- The technical personnel must have read and understood these Installation Instructions and must follow the instructions they contain.
- Measuring point faults may be repaired only by authorized and specially trained personnel.
- In the case of Ex-certified devices, the technical staff must also be trained in explosion protection.



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

4 Safety instructions

CAUTION

Risk to health due to the removal of sensors from the process!

- ▶ For your own safety pay, attention to process pressure, process temperature, as well as to aggressiveness or toxicity of the media if, in the course of maintenance or service measures, a sensor has to be removed from the process (e.g. for calibration, exchange, cleaning, testing).

⚠ CAUTION**Risk of injury whilst removing the sensor**

- ▶ The sensor must be disconnected from the transmitter before starting the work.
- ▶ Read the complete instructions, and be sure to completely understand them before starting the work.

 Electrical safety

The OUA260 flowcell works exclusively with protective extra-low voltage. There is therefore no electrical hazard.

 Potential impact on the process

Before decommissioning an active device, the potential impact on the overall process must be taken into account! This applies in particular when using the switching contacts, the analog signal outputs or the communication interface of the associated measuring instrument to control process variables. Coordinate service tasks with the operator!

 Contact Endress+Hauser Service if you have questions: www.addresses.endress.com

Note the instructions in the Operating Instructions for the optical sensor.

5 Scope of delivery

The kit contains the following parts:

| | | | |
|-----|----------------------------------|-----|--|
| 2 x | Silicone O-ring 2-022 | 1 x | Silicone O-ring 2-033 (To be used with OUSTF10 Sensor) |
| 2 x | Silicone O-ring 2-023 (for POPL) | 1 x | Kit instructions |

6 Replacement of spare parts

6.1 Lamp and Detector O-rings replacement

 Required tools and material

2 Adjustable pipe or strap wrenches with minimum opening from 0" to 3"

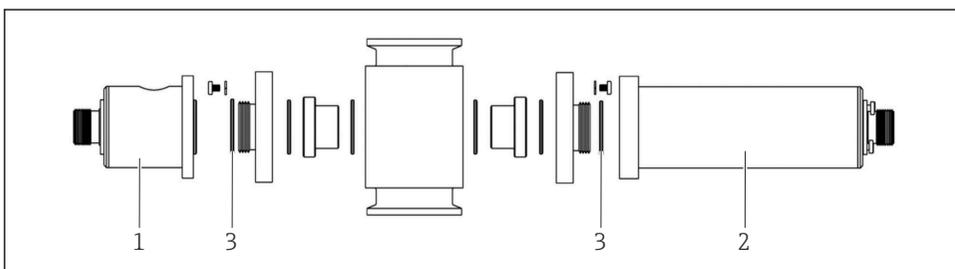
1. Remove the lamp and detector assemblies from the flowcell by turning them counterclockwise (→  1,  5, 1 and 2). If needed, use the strap or pipe wrenches, making sure to protect the surface of the sensor in order to prevent deep scratches on it.
2. Remove and discard old O-rings (→  1,  5, 3).

3. Replace the lamp and detector O-rings (→  1,  5, 3)

 If you have an OUA260 with POPL, the O-rings will be slightly different, please make sure to use the correct O-ring size. You will recognize it by the label on its bag and because it has a slightly larger diameter.

If you have an OUSTF10 sensor, the detector O-ring will be different, please make sure to use the correct O-ring size on this side of the sensor. You will recognize it by the label on its bag and because it has a different diameter.

4. Reinstall the lamp and detector sides of the sensor, making sure the lamp assembly is mounted on the side of the flowcell with the shorter window.
5. Follow your transmitter procedure to calibrate the measuring loop.



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-  1 Remove lamp and detector assemblies

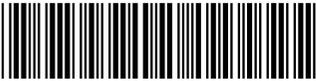
7 Additional documentation

Detailed information on the devices shown here can be found in the Operating Instructions for each device and in the other documentation, available at:

- www.endress.com/device-viewer
- Smartphone/tablet: Endress+Hauser Operations app

8 Disposal

 If required by the Directive 2012/19/EU on waste electrical and electronic equipment (WEEE), the product is marked with the depicted symbol in order to minimize the disposal of WEEE as unsorted municipal waste. Do not dispose of products bearing this marking as unsorted municipal waste. Instead, return them to the manufacturer for disposal under the applicable conditions.



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