

Installation Instructions

Kit CxA O-ring

For assemblies with a dummy plug (e.g.: CxA111, CPA240, CPA250, CYA27, 12mm electrodes with PG13.5 thread)



1 Overview of spare part sets

 <p>A0045597</p>	71516970 Kit CxA O-ring 10.69 x 3.53 FKM
 <p>A0045597</p>	71516973 Kit CxA O-ring 10.69 x 3.53 EPDM

2 Designated use

- The O-ring is used to seal PG13.5 dummy plugs in assemblies. In this case, the PG13.5 dummy plugs are installed in the sensor slot instead of a PG13.5 electrode. The O-rings can also be used as a spare part on PG13.5 electrodes.
- Only replace a defective O-ring with a new O-ring of the same type.
- Only use original parts from Endress+Hauser.
- In the W@M Device Viewer, check if the spare part is suitable for the existing device.

3 Authorized installation personnel

- 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 carry out the specified activities.
- The electrical connection may be performed only by an electrical technician.
- The technical personnel must have read and understood these Operating Instructions and must follow the instructions contained therein.
- Faults at the measuring point may only be rectified by authorized and specially trained personnel.



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

4 Safety instructions

⚠ WARNING

Risk of injury from high pressure, high temperature or chemical hazards if process medium escapes!

- ▶ Prior to installing and removing the dummy plug/sensor: depressurize the system.

5 Scope of delivery

Kit CxA O-ring 10.69x3.53 FKM

O-ring FKM 10.69x3.53 (10x)

Kit CxA O-ring 10.69x3.53 EPDM

O-ring EPDM 10.69x3.53 (10x)

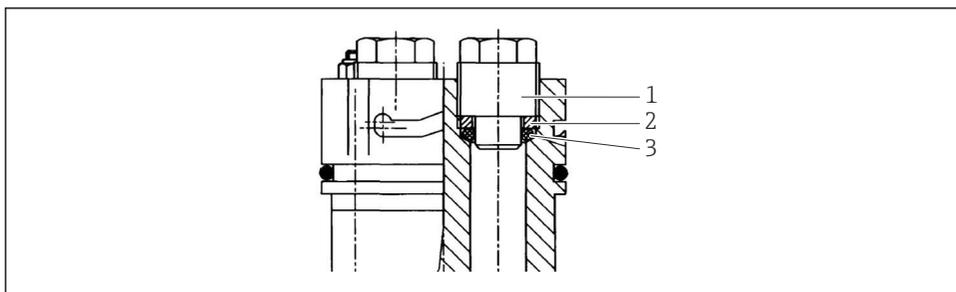
6 Additional documentation

Detailed information on the device can be found in the Operating Instructions for the specific assembly and in the other documentation available via:

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

7 Application examples

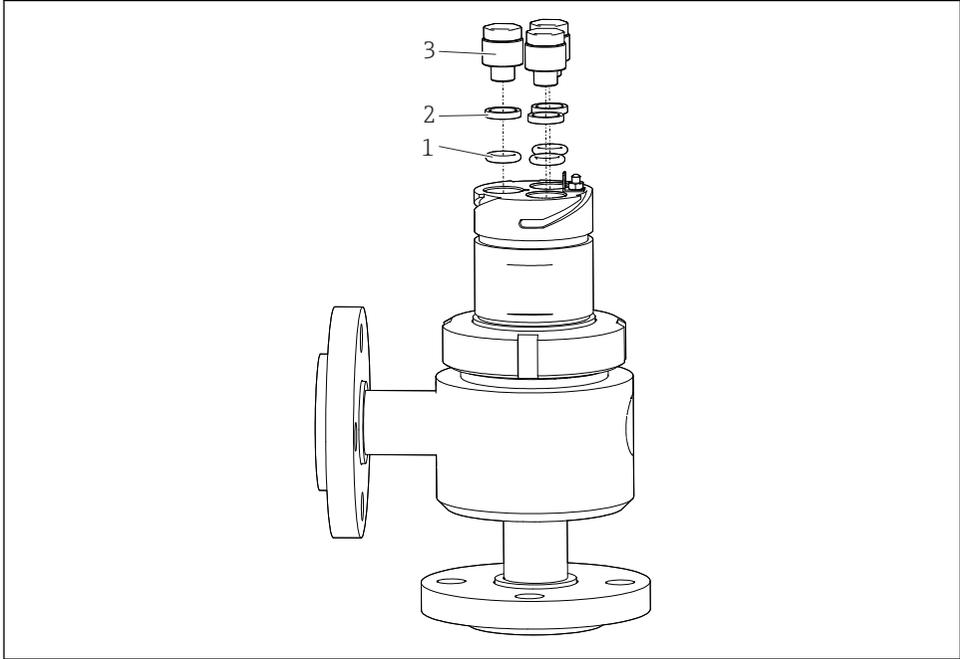
7.1 Installation in installation assembly CPA111



A004592

- 1 Dummy plug (not included in kit)
- 2 Thrust collar (not included in kit)
- 3 O-ring ID 10.69 W3.53

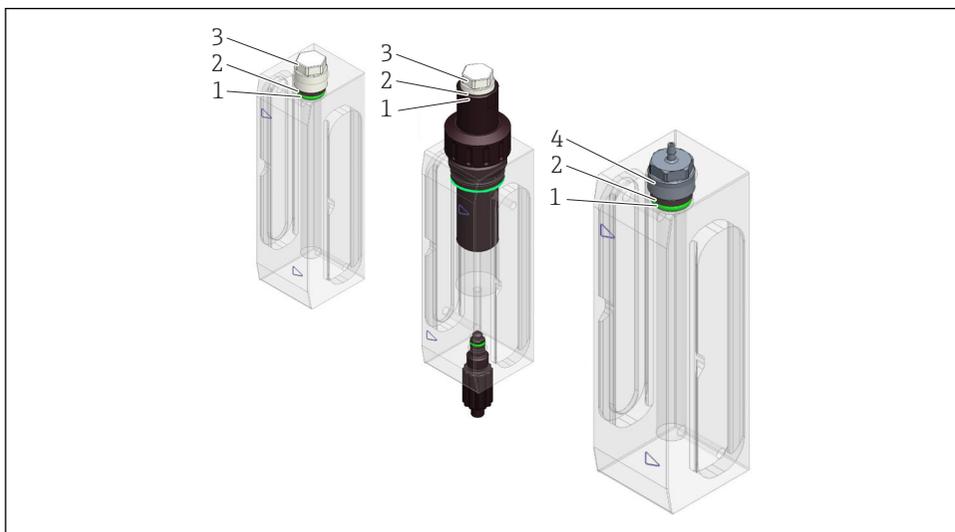
7.2 Installation in flow assembly CPA240



A0045746

- 1 *Dummy plug (not included in kit)*
- 2 *Thrust collar (not included in kit)*
- 3 *O-ring ID 10.69 W3.53*

7.3 Installation in multiparameter assembly CYA27



A0045593

- 1 O-ring ID 10.69 W3.53
- 2 Thrust collar (not included in kit)
- 3 Dummy plug (not included in kit)
- 4 Dosing connection PG 13.5 (not included in kit)

7.4 Installation in 12 mm electrodes with PG13.5 thread



A0045594

- 1 O-ring ID 10.69 W3.53

8 Replacing the O-ring

 Please check the following before you screw in the dummy plug or sensor:

- Check that the assembly thread is clean, intact and runs smoothly.
- Check that the O-ring and sealing surface are clean and intact.

 Pay attention to the installation instructions provided in the Operating Instructions of the assembly used.

1. Remove the old O-ring from the dummy plug or the sensor. Use tweezers if necessary.
2. Grease the new O-ring, e.g. using Klüber Paraliq GTE 703. Can be ordered via XPC0017-F+R8.
3. Fit the new O-ring carefully onto the dummy plug or sensor by hand.
4. Screw in the dummy plug or sensor and tighten by hand with a torque of 3 Nm (2.21 lbf ft) (specifications only apply if installing in Endress+Hauser assemblies).

9 Disposal

The following applies for assemblies:

- ▶ Please observe local regulations!

The following applies for sensors:

The device contains electronic components and must therefore be disposed of in accordance with regulations on the disposal of electronic waste.

- ▶ Please observe local regulations!



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