

Installation Instructions

Flow assembly Flowfit CPA240

Seals



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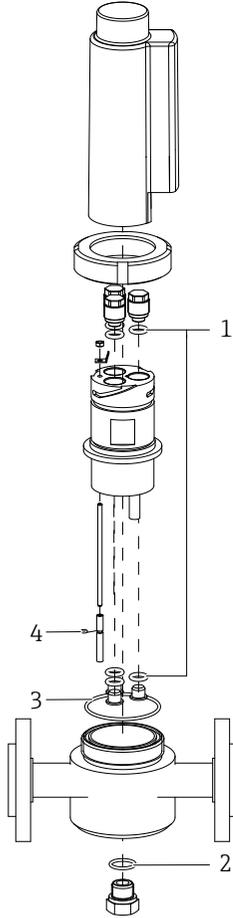
1 Overview

1.1 Spare parts kits

These installation instructions apply to the following spare parts kits:

No.	Description	Section
50089408	Seal set for CPA240-2 EPDM	→  6
50089409	Seal set for CPA240-2 Viton (FPM)	
50089410	Seal set for CPA240-2 Chemraz (FFKM)	
50089411	Seal set for CPA240-2 Fluoraz (FEPM)	
50089412	Seal set for CPA240-3 EPDM	→  6
50089413	Seal set for CPA240-3 Viton (FPM)	
50089414	Seal set for CPA240-3 Chemraz (FFKM)	
50089415	Seal set for CPA240-3 Fluoraz (FEPM)	

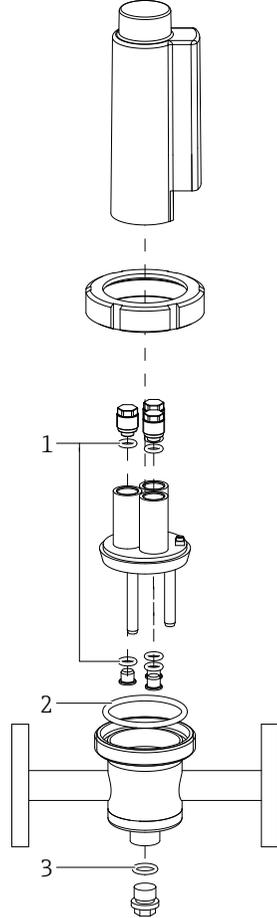
1.2 Overview of the components



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1 Installation positions of the O-rings, version CPA240-2 (PVDF)

- 1 O-ring ID 10.69 W 3.53 OD 17.75
- 2 O-ring ID 20.29 W 2.62 OD 25.53
- 3 O-ring ID 66.34 W 2.62 OD 71.58
- 4 O-ring ID 2.90 W 1.78 OD 6.46



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2 Installation positions of the O-rings, version CPA240-3 (stainless steel 1.4404)

- 1 O-ring ID 10.69 W 3.53 OD 17.75
- 2 O-ring ID 69.22 W 5.33 OD 79.88
- 3 O-ring ID 17.04 W 3.53 OD 24.10

2 Intended use

- The parts of the kits must only be used as spare parts for CPA240 flow assemblies. Any other use is not permitted!
- Use only original parts from Endress+Hauser.
- 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

WARNING

Risk of injury from high pressure, high temperatures, chemical hazards, or escaping medium!

- ▶ Before any maintenance task, depressurize and drain the system.
- ▶ Flush the assembly thoroughly before starting work, as it may contain medium residues.

NOTICE

Material damage due to solvents!

- ▶ Do not use any halogen-containing organic solvents or acetone. These solvents could destroy plastic components of the assembly.

Potential impact on the process

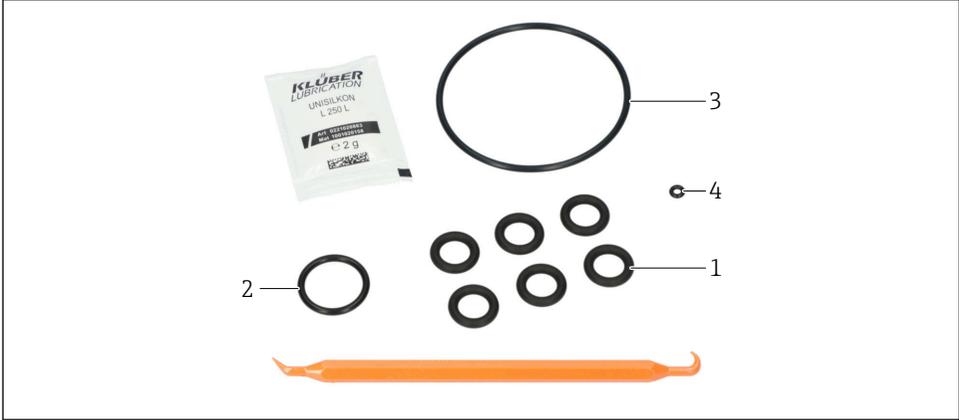
Before decommissioning an active device, the potential impact on the overall process must be taken into account! This applies in particular when using the switching contacts, the analog signal outputs or the communication interface of the associated measuring instrument to control process variables.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

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

5 Scope of delivery

5.1 Seals CPA240-2 PVDF

The kit contains the following parts →  3,  6:



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 3 Seals CPA240-2 PVDF

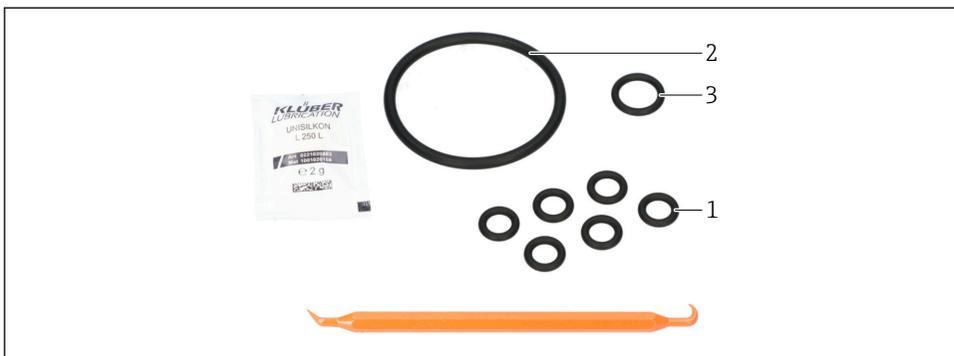
Kit no.	Quantity	Kit item no. →  1,  4 and →  3,  6	Size
50089408 (EPDM)	6	1	O-ring ID 10.69 W 3.53 OD 17.75
50089409 (FPM)	1	2	O-ring ID 20.29 W 2.62 OD 25.53
50089410 (FFKM)	1	3	O-ring ID 66.34 W 2.62 OD 71.58
50089411 (FEPM)	1	4	O-ring ID 2.90 W 1.78 OD 6.46

All kits additionally contain the following components:

- 1x O-ring picker
- 1x Klüber UNISILKON L 2 g grease
- 1x kit instructions

5.2 Seals CPA240-3 stainless steel 1.4404

The kit contains the following parts →  4,  7:



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4 Seals CPA240-3 stainless steel 1.4404

Kit no.	Quantity	Kit item no. → 2, 4 and → 4, 7	Size
50089412 (EPDM)	6	1	O-ring ID 10.69 W 3.53 OD 17.75
50089413 (FPM)	1	2	O-ring ID 69.22 W 5.33 OD 79.88
50089414 (FFKM)	1	3	O-ring ID 17.04 W 3.53 OD 24.10
50089415 (FEPM)	1		

All kits additionally contain the following components:

- 1x O-ring picker
- 1x Klüber UNISILKON L 2 g grease
- 1x kit instructions

6 Additional documentation

Detailed information on the devices can be found in the Operating Instructions of the assemblies and the other documentation are available at:

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

7 Disposal

7.1 Assemblies

- ▶ Please observe local regulations!

7.2 Sensors



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 Endress+Hauser for disposal under the applicable conditions.



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