

Installation Instructions

Spare parts kits for Dipfit CPA140 immersion assemblies

Seals



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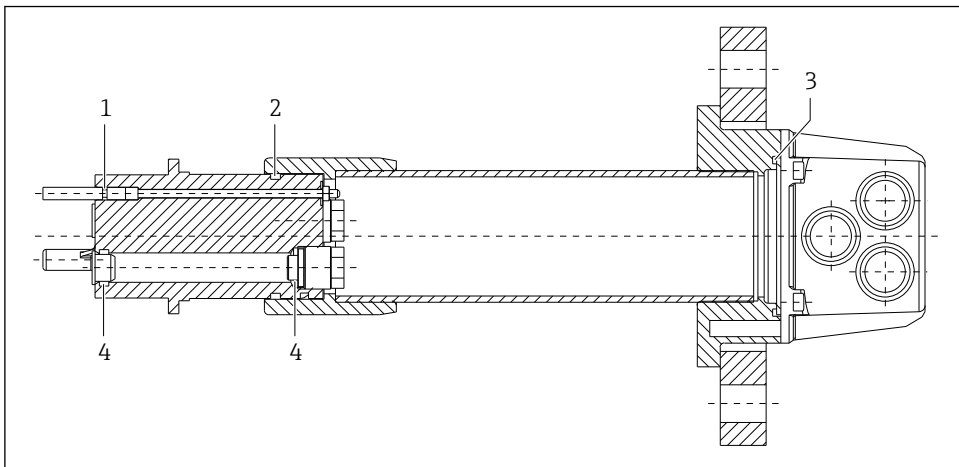
1 Overview

1.1 Spare parts kits

These installation instructions apply to the following spare parts kits:

| No. | Designation | Section |
|----------|------------------------------------|---------|
| 50089296 | Seal set for CPA140 EPDM | → 5 |
| 50089297 | Seal set for CPA140 Viton (FPM) | |
| 50089298 | Seal set for CPA140 Chemraz (FFKM) | |
| 50089299 | Seal set for CPA140 Fluoraz (FEPM) | |

1.2 Overview



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1 Installation positions of O-rings

- 1 O-ring ID 2.90 W 1.78 OD 6.46 (only for PVDF version)
- 2 O-ring ID 53.57 W 3.53 OD 60.63
- 3 O-ring ID 69.52 W 2.62 OD 74.76
- 4 O-ring ID 10.69 W 3.53 OD 17.75

2 Designated use

- The parts of the kits must only be used as maintenance parts for the CPA140 immersion assembly. Any other use is not permitted!
- Only use 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.
- Faults at the measuring point may only be rectified by authorized and specially trained personnel.



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 temperature or chemical hazards if process medium escapes!

- Before installing or removing an assembly, depressurize the system, drain the system and clean it.

CAUTION

Risk to health due to contact with the process medium

- Wear protective gloves, protective goggles and protective clothing, particularly when working with reagents, chemicals or process solutions.
- In case of contact with eyes or skin, rinse the affected area with plenty of water and then seek medical advice. Show the relevant safety data sheet to the physician.

NOTICE

Material damage due to solvents!

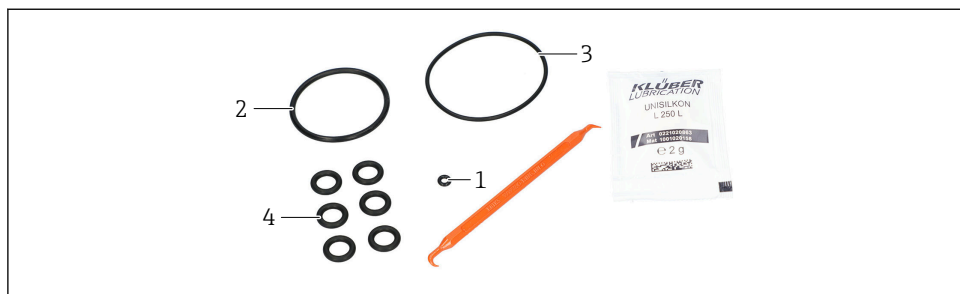
- Do not use any halogen-containing organic solvents or acetone. These solvents could destroy plastic components of the assembly.



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 associated measuring instrument to control process variables.

5 Scope of delivery




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2 CPA140 seals

| Kit no. | Number | Kit item no. →  1,  3 and →  2,  5 | Size | Remarks/material |
|-----------------|--------|---|---------------------------------|-------------------------|
| 50089296 (EPDM) | 1 | 1 | O-ring ID 2.90 W 1.78 OD 6.46 | Only for PVDF version |
| 50089297 (FPM) | 1 | 2 | O-ring ID 53.57 W 3.53 OD 60.63 | EPDM, FPM, FFKM or FEPM |
| 50089298 (FFKM) | 1 | 3 | O-ring ID 69.52 W 2.62 OD 74.76 | EPDM, FPM, FFKM or FEPM |
| 50089299 (FEPM) | 6 | 4 | O-ring ID 10.69 W 3.53 OD 17.75 | EPDM, FPM, FFKM or FEPM |

6 Replacing the O-rings

 The procedure for replacing the O-rings can be found in the Operating Instructions of the Dipfit CPA140 immersion assembly (BA00178C).

7 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

8 Disposal

- Observe the local regulations.



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