

Immersion assembly Dipfit CPA140

Durable assembly for the chemical, petrochemical, life sciences and power industries



Benefits:

- Simple installation and removal of the electrode holder thanks to bayonet lock
- Flexible connection to the process by means of various flanges (DIN, ANSI, JIS)
- Less condensation due to a Goretex filter
- Reduces installation effort by providing 3 mounting positions for 120 mm sensors plus a cleaning unit

Specs at a glance

- **Process temperature** Max. 150 °C (302 °F)
- **Process pressure** Max. 10 bar (145 psi)

More information and current pricing:

www.ca.endress.com/CPA140

Field of application: The Dipfit CPA140 immersion assembly is designed for all demanding applications where aggressive media are involved. With its flange connection, Dipfit is installed safely in the process and offers space for three sensors. Its bayonet lock offers you easy sensor installation even in sticky media or media containing solid particles, thus saving time for maintenance and recalibration.

Features and specifications

pH

Measuring principle

Potentiometric

pH

Application

Chemical industry, power stations and incinerator plants, metal extraction and metal processing

Installation

Immersion assembly

Characteristic

Closed tank

Design

Bayonet technology, 3 electrode installation locations, 120 mm electrodes, integrated spray cleaning CPR31

Material

Immersion tube, sensor holder:

PVDF or stainless steel 1.4404

O-rings: EPDM, VITON, Chemraz or Fluoraz

Dimension

Immersion depth: 500 to 2500 mm (19.7 to 98.4 inch), special lengths on request

Process temperature

Max. 150 °C (302 °F)

Process pressure

Max. 10 bar (145 psi)

Connection

Pressurized flange DN80/PN16, ASME 3" lbs150, JIS 10K80A

Additional certifications

Material certification 3.1B EN 10204

ORP / Redox

Measuring principle

Sensor ORP / Redox

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