Immersion assembly Dipfit CPA140

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

More information and current pricing:
www.au.endress.com/CPA140

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)

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

ORP / Redox

Measuring principle
Sensor ORP / Redox

ORP / Redox

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

pH

Measuring principle
Potentiometric

pH

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