

# Immersion assembly Dipfit CPA111

## Universal assembly for the water and wastewater industry



### Benefits:

- Simple installation and removal of electrode holder due to bayonet lock
- Flexible immersion depth thanks to adjustable flange
- Reduces installation effort by providing 3 mounting positions for 120 mm sensors or an optional cleaning unit
- Made of environmentally compatible polypropylene material

### Specs at a glance

- **Process temperature** Max. 80 °C (176 °F)
- **Process pressure** Max. 4 bar at 20°C (Max. 58 psi at 68°F)

More information and current pricing:

[www.casc.endress.com/CPA111](http://www.casc.endress.com/CPA111)

**Field of application:** The Dipfit CPA111 immersion assembly is designed for applications in open and closed tanks. It offers space for three sensors that can be easily mounted and removed via the bayonet lock. The adjustable flange gives you the required flexibility for universal use. Dipfit is the time- and cost-efficient solution for standard water and wastewater treatment.

## Features and specifications

pH

### Measuring principle

Potentiometric

### Application

Water, waste water, process

pH

**Installation**

Immersion assembly

**Characteristic**

For open and closed tanks and channels

**Design**

Bayonet technology, 3 electrode installation locations,  
120 mm electrodes, variable holder length, integrated spray cleaning  
CPR31, external spray cleaning CPR30, process connection with fix or  
adjustable flange

**Material**

Sensor holder: PP-GF 20

Immersion tube: PP

**Dimension**

Length: 500 to 3000 mm (19.7 to 118 inch), special lengths on request

**Process temperature**

Max. 80 °C (176 °F)

**Process pressure**

Max. 4 bar at 20°C

(Max. 58 psi at 68°F)

**Connection**

Suspended assembly, lap joint flange DN100

Pressurized flange DN100/PN4, adjustable flange DN100

ORP / Redox

**Measuring principle**

Sensor ORP / Redox

**Application**

Water, waste water, process

## ORP / Redox

**Installation**

Immersion assembly

**Characteristic**

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**Design**

Bayonet technology, 3 electrode installation locations, 120 mm electrodes, variable assembly length, integrated spray cleaning CPR31, external spray cleaning CPR30, process connection with fix or adjustable flange

**Material**

Sensor holder: PP-GF 20

Immersion tube: PP

O-ring: VITON

**Dimension**

500 to 3000 mm (19.7 to 118 inch), special lengths on request

**Process temperature**

max. 80°C

( 176°F)

**Process pressure**

max. 4 bar at 20°C

(58 psi at 68°F)

**Connection**

- Suspended assembly - lap joint flange DN100- pressurized flange DN100/PN4 - adjustable flange DN100

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