

# Analog ORP sensor Orbipore CPS92

Glass electrode for heavily polluted media in chemical processes, paper or paint production



More information and current pricing:

[www.au.endress.com/CPS92](http://www.au.endress.com/CPS92)

## Benefits:

- Open aperture for application in heavily soiled media
- Low maintenance and long service life due to stabilized gel filling
- Not affected by fluctuations in pressure or temperature

## Specs at a glance

- **Measurement range** -1500 mV - +1500 mV
- **Process temperature** max. 110°C (230°F)
- **Process pressure** max. 13bar (189psi)

**Field of application:** Orbipore CPS92 is the analog specialist for ORP measurement in fibrous media or media with a high content of suspended solids such as dispersions, precipitation reactions or emulsions. The open aperture prevents blocking and guarantees you the most reliable measurement under extreme process conditions.

## Features and specifications

### ORP / Redox

#### Measuring principle

Sensor ORP / Redox

#### Application

Process applications, heavy soiled media, emulsions, suspensions, precipitations

#### Characteristic

Very robust, easy cleanable.

## ORP / Redox

**Measurement range**

-1500 mV - +1500 mV

**Measuring principle**

- Gel compact electrode with open aperture - measuring part as platinum cap.

**Design**

All shaft lengths - advanced gel technology

**Material**

Glass electrode and platinum cap.

**Dimension**

Diameter: 12 mm (0.46 inch)  
Shaft lengths: 120, 225, 360 and 425 mm  
(4.68, 8.77, 14.04 and 16,57 inch)

**Process temperature**

max. 110°C (230°F)

**Process pressure**

max. 13bar (189psi)

**Ex certification**

Simple operational device, no certification necessary.

**Connection**

TOP68 connection head

**Ingres protection**

IP68

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