

Analog ORP sensor Orbipore CPS92

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



More information and current pricing:

www.cz.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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