Analog ORP sensor Ceragel CPS72

Glass electrode for food and life sciences industries

More information and current pricing:
www.at.endress.com/CPS72

Benefits:

- Suitable for CIP/SIP cleaning and autoclaving maintaining high accuracy
- Sensor resists strong acids and bases and high organic loads
- Certified biocompatibility, no cytotoxicity
- Free from animal-based materials and from acrylamide

Specs at a glance

- **Measurement range** -1500 mV - +1500 mV
- **Process temperature** -15°C - 135°C
- **Process pressure** max. 16bar

Field of application: Ceragel CPS72 is the analog specialist for ORP measurement in sterile and hygienic applications. Its state-of-the-art gel is poison resistant and guarantees stable measurement even in flowing media or low conductivity. The sensor is sterilizable, autoclavable and non-toxic assuring highest safety of your products.

Features and specifications

ORP / Redox

Measuring principle
Sensor ORP / Redox

Application
- Hygienic and sterile applications - pharmaceuticals, biotechnology, fermenters, contaminating media.

ORP / Redox

Characteristic
- Gel-compact-electrode with ceramic diaphragm - Platinum-cap - CIP/ SIP and autoclavable - high accuracy

Measurement range
-1500 mV - +1500 mV

Measuring principle
- ceramic diaphragm - double chamber and double gel reference - platinum-ring

Material
Glass electrode with ceramic diaphragm and platinum ring.

Dimension
Diameter: 12 mm
Shaft lengths: 120, 225, 360 mm

Process temperature
-15°C - 135°C

Process pressure
max. 16bar

Ex certification
Simple operational device, no certification necessary.

Connection
TOP68 connection head

Ingres protection
IP68

Additional certifications
Biocompatibility acc. ISO 10993-5 and USP (current version).
TÜV certificate for pressure resistance up to 16 bar with triple overpressure safety.

More information **www.at.endress.com/CPS72**

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