

## Zirkon<sup>®</sup> Redox

Kuntze sensors stand for quality and are manufactured by our own production. Made in Germany.

Zirkon<sup>®</sup> Redox Process is a high-quality sensor for measuring the ORP value in very demanding media. The pH Glass reference allows measurements tough environments like heated sulfuric acid.

### Advantages

- > Low maintenance
- > Ultra-stable pH as reference
- > Extremely corrosion resistant

### Measuring Parameter

- > Redox Potential (ORP): -1500.. +1500 mV

### Process Conditions

- > Max. Pressure: < 2 bar at 20 °C
- > Min. Conductivity: > 50  $\mu$ S/cm
- > Temperature: -5 °C

### Mechanical Construction

- > Junction: None
- > Shaft Material: Glass
- > Shaft Length: 120 mm
- > Shaft Diameter: 12 mm
- > Electrode Material: Platinum ring (6 mm)
- > Reference System: Glass-electrode with internal buffer pH 7,0
- > Process Connection: S7 Plug
- > Electrical Connection: 2 Poles
- > Temperature Sensor: None
- > Installation Depth: 120 mm
- > Potential Compensation: None

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