

Zirkon® pH Wide Body

The Zirkon® pH Widebody electrodes from Kuntze are robust and low-maintenance. They have a double chamber reference system and a contamination-resistant diaphragm. These features make it a versatile sensor that is ideal for use in mining, industrial wastewater, municipal wastewater, cooling water, process water and general water containing solids. It comes with a flat membrane for improved wear resistance and easy cleanability. Potential compensation is also added, which serves to discharge all voltages present in the measured medium to earth. The sensor is equipped with a Pt100 temperature sensor to enable safe, temperature-compensated and precise pH measurement. Kuntze sensors are characterized by quality and are manufactured in Germany. Made in Germany.

Advantages

- > Annular junction, designed to withstand tough industrial applications
- > Threaded connection 3/4" NPT top and bottom for easy installation
- > Protection guard against electrode damage
- > Rugged Ryton® shaft for demanding chemical environments
- > Built in Pt 100 sensor for temperature compensation

Measuring Parameter

- > pH-Value: pH 0...14

Process Conditions

- > Max. Pressure: < 10 bar at 80 °C/ < 3,5 bar at 110 °C
- > Min. Conductivity: > 50 µS/cm
- > Temperature: -5...+110 °C

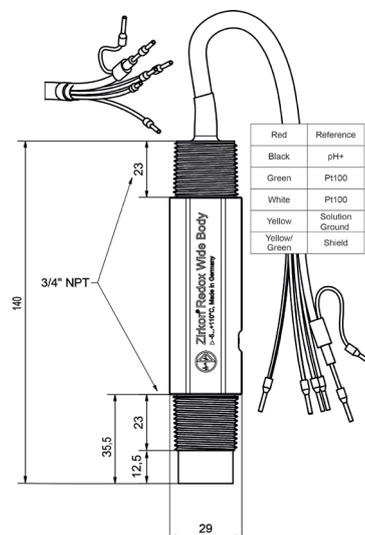
Mechanical Construction

- > Junction: PTFE
- > Shaft Material: Ryton®
- > Shaft Length: 140 mm
- > Shaft Diameter: Hexagon 29 mm
- > Electrode Material: LT, flat membrane
- > Reference System: Ag / AgCl / 3M KCl solid
- > Electrolyte Bridge: 3M KCl solid
- > Process Connection: 3/4" NPT
- > Electrical Connection: 6 m fixed cable
- > Temperature Sensor: Pt 100
- > Installation Depth: 12,5 mm
- > Solution Ground: Yes

Zirkon® pH Wide Body



Mechanical Drawing





Kuntze Instruments GmbH

Robert-Bosch-Str. 7a
40688 Meerbusch
Germany

+49 2150 70660
info@kuntze.com
www.kuntze.com