Digital pH sensor Memosens CPL59E

Rugged Memosens 2.0 pH sensor for laboratory measurements and random sampling in demanding media

Más información y precios actuales:

www.ar.endress.com/CPL59E

Ventajas:

- The ion trap provides excellent performance and long-term stability even in harsh environments such as oxidizing agents
- Large dirt-repellent PTFE-junction to avoid clogging
- Innovative Memosens 2.0 technology: true plug and play and optimal traceability
- Automatic registration and temperature compensation with the integrated temperature sensor
- Tamper-proof data storage including serial number and calibration history for required quality management

Resumen de especificaciones

- **Rango de medición** pH 0 to 14
- **Temperatura del proceso** 0 to 135 °C (32 to 275 °F) (0 to 100 °C (32 to 212 °F) application range)
- **Presión de proceso** 1 bar, not intended for continues measurement in process

Ámbito de aplicación: The Memosens CPL59E starts to perform best, when other sensors cannot handle the conditions. The pH electode is suited for harsh conditions as e.g. in chemical and process industries. Due to the ion trap it offers a high stability to oxidizing agents. This protects the sensor and the junction from drift and inaccurate measurement.

Características y especificaciones

pH

Measuring principle
Potenciométrico

Endress+Hauser

pH

Aplicación

Measurements in demanding media in the chemical and process industry

Característica

Digital Memosens 2.0 compact gel pH glass sensor for laboratory measurements
and random sampling
Rugged pH sensor with PTFE junction and ion trap

Rango de medición

pH 0 to 14

Material

Glass

Dimensión

Diameter: 12 mm (0.47 inch)
Shaft length: 120 mm (4.72 inch)

Temperatura del proceso

0 to 135 °C (32 to 275 °F) (0 to 100 °C (32 to 212 °F) application range)

Presión de proceso

1 bar, not intended for continues measurement in process

Sensor de temperatura

NTC 30kΩ

Conexión

Inductive, digital connection head with Memosens 2.0 technology

Protección contra ingreso

IP68

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