

Analog pH sensor Purisys CPF201

Compact electrode for power and life sciences industries



More information and current pricing:

www.us.endress.com/CPF201

Benefits:

- Stable pH reading and response
- Elimination of flow dependency errors
- Patented porous PTFE reference junction
- Easy installation

Specs at a glance

- **Measuring range** pH 1-13 (<100 μ S/cm)
- **Process temperature** 2°C - 75°C (36°F - 167°F)
- **Process pressure** max. 3 bar (43.5 psi)

Field of application: Purisys CPF201 is the specialist for pure and ultrapure water. Its integrated stainless steel assembly provides stable and flow-independent measurement at lowest conductivities. Purisys ensures optimum water quality and guarantees highest safety of your products or assets.

Features and specifications

pH

Measuring principle

Potentiometric

Application

Ultra pure water (<100 μ S/cm); power plants

Characteristic

Bypass measurement system made of stainless steel with gel electrode and salt storage for measurements in ultra pure water.

pH

Measuring range

pH 1-13 (<100µS/cm)

Measuring principle

Glass-gel compact electrode with PTFE diaphragm and salt (KCl) storage

Design

Electrode in stainless steel boundary surface installed in a stainless steel flow assembly for potential free measurements in ultrapure water with lowest conductivity.

Material

Glass, stainless steel

Dimension

Installation on a plate (305 mm x 305 mm).
(11.89 inch x 11.89 inch)

Process temperature

2°C - 75°C
(36°F - 167°F)

Process pressure

max. 3 bar
(43.5 psi)

Temperature sensor

Optional with integrated Pt100 oder Pt1000.

Connection

TOP68 connection head or fixed cable connection.

Ingress protection

IP68

More information www.us.endress.com/CPF201