Flow assembly
Flowfit CPA240

Durable assembly for the chemical, petrochemical, and power industries

More information and current pricing:
www.ca.endress.com/CPA240

Benefits:

- Simple installation and removal of the electrode holder (e.g. for calibration)
- Flexible connection to the process by means of various connectors and installation versions
- Less condensation due to a Goretex filter
- Reduces installation effort by providing 3 mounting positions for 120 mm sensors or an optional cleaning unit

Specs at a glance

- **Process temperature** PVDF version: 0 to 120 °C (32 to 248 °F) Stainless steel version: -15 to 150 °C (5 to 302 °F) With EPDM: -15 to 140 °C (5 to 284 °F)
- **Process pressure** PVDF version: max. 8 bar at 50 °C (max. 116 psi at 122 °F) Stainless steel version: max. 10 bar (max. 145 psi)

Field of application: The Flowfit CPA240 flow assembly is designed for all demanding applications where high temperatures and pressures are involved. With its various connections, Flowfit flexibly adapts to your process offering space for three sensors. Simple installation and removal of the sensors save time for maintenance and recalibration.

Features and specifications

ORP / Redox

Measuring principle
Sensor ORP / Redox

ORP / Redox

Application
Drinking water treatment plants, boiler feedwater and ultra-pure water plants, cooling-water circuits, fertiliser production, sugar production, gas scrubbers, petrochemical plants

Installation
Flow through holder

Characteristic
Piping, bypass

Design
3 electrode installation locations, 120mm electrodes, flow direction horizontal or from the bottom, thread connection G1/2" for spray cleaning

Material
Flow vessel: PVDF or stainless steel 1.4404
O-rings: EPDM, Viton, Chemraz or Fluoraz

Process temperature
PVDF version: 0 to 120 °C (32 to 248 °F)
Stainless steel version: -15 to 150 °C (5 to 302 °F)
With EPDM: -15 to 140 °C (5 to 284 °F)

Process pressure
PVDF version: max. 8 bar at 50 °C (max. 116 psi at 122 °F)
Stainless steel version: max. 10 bar (max. 145 psi)

Connection
Pressurized flange DN25/PN16, ASME 1" lbs 150, JIS 10K25A

Additional certifications
Material certification 3.1.B EN 10204

pH

Measuring principle
Potentiometric

pH

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