

Flow assembly CYA680

Assembly for the Life Sciences and Chemical industries



Benefits:

- Optimized product yield thanks to fast measured values in low volume
- High product safety: Assembly is suitable for cleaning-in-place (CIP) and sterilization-in-place (SIP)
- Compliant with strict Life Sciences regulations: Certified biocompatibility according to USP class VI, FDA-listed seals and hygienic electropolished surface $Ra=0.38\ \mu\text{m}$ (15 μinch)
- Suitable even for aggressive and corrosive media with PVDF version

Specs at a glance

- **Process temperature** max. 130°C 266°F
- **Process pressure** Stainless steel: max. 16 bar; PVDF: max 4 bar

More information and current pricing:

www.apsc.endress.com/CYA680

Field of application: The CYA680 flow assembly is the simple solution for pH and conductivity measurement in pipelines of hygienic and sterile applications. It is designed for inline cleaning and sterilization and perfectly suited for small pipe diameters, offering maximum safety for your high-quality products. For perfect performance in aggressive and corrosive media, CYA680 is available as PVDF version.

Features and specifications

pH

Measuring principle

Potentiometric

Application

Life Sciences, Oil & Gas, Chemical Industries

pH

Installation

flow assembly, with Clamp 0,25" ... 2"

Characteristic

pipe mounting

Design

flow assembly with small bore from 5mm ... 45mm corresponding the Clamp Diameters

for mounting 1 pH electrode (CPS71D-TU) and 1 Memosens CLS82D

Material

Holder: stainless steel or PVDF

Sealings: EPDM, Kalrez, Viton, Teflon-coated Viton (all FDA compliant)

Dimension

flange spacing 82,55 mm, 3;25"

Process temperature

max. 130°C

266°F

Process pressure

Stainless steel: max. 16 bar; PVDF: max 4 bar

Connection

Clamp 0,25" ... 2"

Additional certifications

Material certification 3.1 EN 10204

Surface roughness Ra < 0.76 µm.

Conductivity

Measuring principle

Potentiometric

Characteristic

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