

# 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  $\mu\text{inch}$ )
- 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.cz.endress.com/CYA680](http://www.cz.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"

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**Characteristic**

pipe mounting

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**Design**

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

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

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**Material**

Holder: stainless steel or PVDF

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

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**Dimension**

flange spacing 82,55 mm, 3;25"

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**Process temperature**

max. 130°C

266°F

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**Process pressure**

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

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**Connection**

Clamp 0,25" ... 2"

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**Additional certifications**

Material certification 3.1 EN 10204

Surface roughness Ra < 0.76 µm.

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## Conductivity

**Measuring principle**

Potentiometric

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**Characteristic**

Life Sciences, Oil & Gas, Chemical Industries

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## Conductivity

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