# Flow assembly CYA680

## Assembly for the Life Sciences and Chemical industries

More information and current pricing:
www.endress.com/CYA680

**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 µm (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

**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 1Memosens 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"

**Certificates, declarations and approvals**
Material certification 3.1 EN 10204
Surface roughness Ra < 0.38 µm.

## Conductivity

**Measuring principle**
Conductive

**Characteristic**
Life Sciences, Oil & Gas, Chemical Industries

## Conductivity

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