LENNTECH
WATER TREATMENT SOLUTIONS

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 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

Design

flow assembly with small bore from 5mm ... 45mm corresponding the Clamp Diameters
for mounting 1Memosens CLS82D and or 1 pH electrode (CPS71D-TU)

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.

LENNTECH
Water Treatment Solutions
info@lenntech.com Tel. +31-152-610-900
www.lenntech.com Fax. +31-152-616-289