Process assembly
Unifit CPA842

Hygienic assembly for the life sciences, food & beverage industries

More information and current pricing:
www.endress.com/CPA842

Benefits:

- Hygienic design according to EHEDG, 3-A, FDA, ASME BPE and USP class VI
- No contamination thanks to leak-tight, built-in electrode seal
- Less build-up of residues thanks to electropolished surface
- Suitable for cleaning-in-place (CIP) and sterilization-in-place (SIP)
- Flexible adaptation to all applications by various hygienic process connections

Specs at a glance

- **Process temperature** -15 to 140 °C (5 to 280 °F)
- **Process pressure** 16 bar up to 140 °C (232 psi up to 284 °F)

Field of application: The Unifit CPA842 process assembly meets highest requirements concerning inline cleaning and sterilization. It allows the easy installation of pH/ORP, dissolved oxygen, conductivity or NIR sensors into tanks and pipelines of hygienic and sterile applications. Unifit is designed according to EHEDG, 3-A, ASME BPE, FDA and USP class VI.

Features and specifications

pH

Measuring principle
Potentiometric

Application
Food & Beverage, Life Science, Process

pH

Installation
Fixed installation assembly

Characteristic
Open and closed tank, piping

Design
Hygienic assembly with corresponding process connections
12 mm electrodes
Optional with protection guard
Optional with leakage control

Material
Holder: stainless steel 1.4404
Seals: EPDM, FKM, FFKM, all seals are FDA conform, USP Class VI

Dimension
Immersion depth: 29.5 to 86.5 mm (1.16 to 3.4 inch)

Process temperature
-15 to 140 °C (5 to 280 °F)

Process pressure
16 bar up to 140 °C (232 psi up to 284 °F)

Connection
DN25 standard, DN25 B.Braun, Clamp 1.5" (short and long), Clamp 1.5" angled at 15°, Clamp 2", Varivent flange N, dairy fitting DN50

ORP / Redox

Measuring principle
Sensor ORP / Redox

Conductivity

Measuring principle
Sensor ORP / Redox

Oxygen

Measuring principle
Amperometric oxygen measurement

More information **www.endress.com/CPA842**

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