

Process assembly Unifit CPA842

Hygienic assembly for the life sciences, food & beverage industries



Thông tin thêm và mức tính giá hiện tại:

www.apsc.endress.com/CPA842

Lợi ích:

- Hygienic design according to EHEDG class I, 3-A standard 74-05, FDA, ASME BPE and USP 88 class VI avoids cross-contamination
- No contamination thanks to leak-tight, built-in electrode seal
- Less build-up of residues thanks to electropolished surface (Ra=0.38 µm or 0.76 µm)
- Suitable for cleaning-in-place (CIP) and sterilization-in-place (SIP)
- Flexible adaptation to all applications by various hygienic process connections

Tổng quan về thông số kỹ thuật

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

Phạm vi ứng dụng: The Unifit CPA842 process assembly meets highest requirements concerning inline cleaning and sterilization. It allows the easy installation of pH/ORP, oxygen, conductivity or cell growth sensors into tanks and pipelines of hygienic and sterile applications. Unifit is designed according to EHEDG, 3-A, ASME BPE, FDA and USP 88 class VI.

Tín năng và thông số kỹ thuật

Oxygen

Measuring principle

Amperometric oxygen measurement

ORP / Redox

Measuring principle

Sensor ORP /
Redox

pH

Measuring principle

Potentiometric

Application

Food & Beverage, Life Science, Process

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)

pH

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

Conductivity

Measuring

principle

Potentiometric

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