

Process assembly Unifit CPA842

Hygienic assembly for the life sciences, food & beverage industries



Več informacij in aktualne cene:

www.si.endress.com/CPA842

Prednosti:

- 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 ($R_a=0.38 \mu\text{m}$ or $0.76 \mu\text{m}$)
- Suitable for cleaning-in-place (CIP) and sterilization-in-place (SIP)
- Flexible adaptation to all applications by various hygienic process connections

Lastnosti na dlani

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

Področje uporabe: 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.

Lastnosti in specifikacije

ORP / Redox

Merilni princip

Sensor ORP /

Redox

pH

Merilni princip

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)

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

Merilni princip

Sensor ORP /
Redox

Oxygen

Merilni princip

Amperometric oxygen
measurement

Več informacij www.si.endress.com/CPA842