

## Process assembly Unifit CPA842

Hygienic assembly for the life sciences, food & beverage industries



Mer informasjon og gjeldende priser:

[www.no.endress.com/CPA842](http://www.no.endress.com/CPA842)

### Fordeler:

- 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

### Spesifikasjonene kort oppsummert

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

**Bruksområde:** 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.

### Funksjoner og spesifikasjoner

#### Oxygen

#### Measuring principle

Amperometric oxygen measurement

---

**Conductivity****Measuring****principle**Potentiometric

---

**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)

---

pH

**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

---

Mer informasjon [www.no.endress.com/CPA842](http://www.no.endress.com/CPA842)