

Digital free bromine sensor Memosens CCS55D

Memosens sensor for seawater and process water



詳細情報と現在の価格は以下をご覧ください:

www.jp.endress.com/CCS55D

利点:

- The right sensor version for every application: From trace measurement up to free bromine concentrations of 200 mg/l.
- Fast response time ($t_{90} < 20$ s) provides an accurate process view and enables prompt reaction to process changes as well as efficient process control. No inactivation in bromine-free media ensures fast measurement after addition of bromine.
- Increased process safety: precise and long-term stable measurement ensures consistent process monitoring and allows for individually adapted disinfectant dosing.
- Safe disinfection in seawater applications since disinfection with chlorine forms bromine compounds when used in seawater. Chlorine monitoring would lead to measurement errors underestimating the disinfection effect.
- More process up-time thanks to fast sensor exchange: pre-calibrate the sensor in your lab and then swap it into your process with plug & play.
- Connection to the Liquiline multiparameter transmitter allows for easy combination with other relevant parameters of liquid analysis such as pH and ORP.

仕様一覧

- **測定範囲** 微量：0~5 mg/l HOBr 標準：0~20 mg/l HOBr 多量：0~200 mg/l HOBr
- **プロセス温度** +0~55 °C (32~130 °F)、凍結なし
- **プロセス圧力** 最大100 kPa (最大14.5 psi)

アプリケーション: Memosens CCS55D is a low-maintenance sensor for free bromine. It provides high-precision, stable measurement in seawater

for desalination plants, process or cooling water, swimming pools and fish farming industry. The free bromine sensor ensures safe disinfection with bromine even at low water volumes. It features fast response times guaranteeing efficient process control. Thanks to Memosens digital technology, CCS55D combines maximum process and data integrity with simple operation.

機能と仕様

殺菌

測定原理

遊離臭素

アプリケーション

海水 - 信頼性の高い殺菌処理

プロセス水 - 測定範囲が広いこと、広範囲のアプリケーションに対応

プール水 - 高精度測定による効率的な添加処理

特性

溶存遊離臭素の隔膜式測定

測定範囲

微量：0～5 mg/l HOBr

標準：0～20 mg/l HOBr

多量：0～200 mg/l HOBr

測定原理

隔膜式測定セル

作用電極での遊離臭素の還元

構造

PET隔膜式2電極測定セル

材質

センサシャフト：PVC

隔膜：PET

隔膜キャップ：PVDF

殺菌

外形寸法

口径：25 mm (0.98 in)

長さ：161 mm (6.34 in)

プロセス温度

+0～55 °C (32～130 °F) 、凍結なし

プロセス圧力

最大100 kPa (最大14.5 psi)

温度センサ

10k NTC搭載 (Memosens)

接続

電磁式、Memosensテクノロジー搭載のデジタル接続ヘッド

詳細情報 www.jp.endress.com/CCS55D