

Digital ozone sensor Memosens CCS58D

Мemosens sensor for drinking water,
wastewater and process water in all industries



Дополнительная информация и
актуальные цен:

www.casc.endress.com/CCS58D

Преимущества:

- Almost exclusive specificity for ozone ensures reliable measured values for safe disinfection processes.
- Robust membrane technology guarantees high surfactant resistance and optimum suitability for cleaning processes such as bottle cleaning.
- Integrated Heartbeat Technology provides, for example, an electrolyte counter for predictive, application-specific maintenance intervals.
- Connection to the Liquiline multiparameter transmitter allows for easy combination with other relevant parameters of liquid analysis such as pH and ORP.
- Fast commissioning is ensured by factory-calibration and plug & play installation of the sensor.

Краткие характеристики

- **Диапазон измерения** 0 to 2 mg/l
- **Рабочая температура** +0 to 45 °C (32 to 110 °F), non freezing
- **Рабочее давление** 1 bar (14.5 psi), 2 bar (29 psi) absolute
- **Метод измерения** - closed 2 electrode system - conversion of ozone into a signal current in nA - signal current is proportional to the concentration of ozone - the measurement is not pH dependent

Назначение: Memosens CCS58D is a low-maintenance sensor for ozone. It provides high-precision measurement with an almost exclusive specificity for ozone, ensuring reliable disinfection monitoring. The robust sensor membrane with its high surfactant resistance makes the sensor suitable for diverse applications, e.g. bottle cleaning. Thanks to Memosens digital technology, CCS58D combines maximum process and

data integrity with simple operation and provides the perfect basis for predictive maintenance.

Характеристики и спецификации

Дезинфекция

Принцип измерения

Ozone

Применение

Drinking water - ensures adequate disinfection

Process water - for hygienic packaging and filling

Wastewater - to ensure safe discharge water

Характеристики

Amperometric measurement of dissolved ozone

Диапазон измерения

0 to 2 mg/l

Метод измерения

- closed 2 electrode system
- conversion of ozone into a signal current in nA
- signal current is proportional to the concentration of ozone
- the measurement is not pH dependent

Конструкция

- exchangeable, electrolyte-filled membrane cap
- working and counter electrode
- adaptable shaft for flexible installation in assemblies

Материал

Sensor shaft: PVC

Membrane: Silicone

Membrane cap: PVC

Габаритные размеры

Diameter: 25 mm (0.98 in)

Length: 161 mm (6.34 in)

Дезинфекция

Рабочая температура

+0 to 45 °C (32 to 110 °F), non freezing

Рабочее давление

1 bar (14.5 psi), 2 bar (29 psi) absolute

Датчик температуры

10k NTC integrated (Memosens)

Подключение

Inductive, digital connection head with Memosens

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