



Analog Free Endress Hauser Chlorine Sensor CCS51-AA11AD03 Chlorine Gas Detector

Our Product Introduction

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Basic Information

- Place of Origin: Germany
- Brand Name: Endress Hauser
- Certification: ATEX
- Model Number: CCS51-AA11AD03
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: carton
- Delivery Time: Negotiable
- Payment Terms: T/T
- Supply Ability: 100pcs per month



Product Specification

- Process Temperature: +0 To 55 °C (32 To 130°F), Non-freezing
- Process Pressure: 1 Bar (14.5 Psi)
- Measuring Range: 5 Mg/l
- Cable Length: 3 M
- Gross Weight: 0.503 Kilogram
- Country Of Origin: Germany
- Highlight: **Analog free chlorine sensor, Endress Hauser chlorine gas detector, CCS51-AA11AD03**



More Images



Product Description

Endress Hauser Analog free chlorine sensor CCS51-AA11AD03

CCS51 is a robust, low-maintenance sensor for free chlorine. It provides high-precision measurement with long-term stability in drinking water, pool and process water and ensures consistent disinfection monitoring even at low water volumes. The analog free chlorine sensor features extremely fast response times guaranteeing efficient process control and safe processes. CCS51 ensures continuity for the installed base of analog free chlorine measuring points.

Potentiometric

Measuring principle

Free chlorine

Application

Drinking water - to ensure reliable disinfection

Process water - wide range of application due to large measuring range

Food - to secure absence/presence of free chlorine

Pool water - efficient dosing thanks to precise measurement

Characteristic

Amperometric measurement of dissolved free chlorine

Measuring range

Trace: 0 to 5 mg/l HOCl

Standard: 0 to 20 mg/l HOCl

Measuring method

- Closed, membrane covered measuring cell

- Reduction of free chlorine at the cathode

Design

Closed amperometric 2-electrode measuring cell with PVDF membrane

Material

Sensor shaft: POM

Membrane: PVDF

Membrane cap: PVDF

Dimension

Diameter: 25 mm (0.98 in)

Length: 161 mm (6.34 in)

Process temperature

+0 to 55 °C (32 to 130 °F), non-freezing

Process pressure

1 bar (14.5 psi)

Temperature sensor

10k NTC

Connection

analog with fixed cable



