

Modular holder system Flexdip CYH112

Holder for in-situ measurement in water,
wastewater and utilities



More information and current pricing:

www.ch.endress.com/CYH112

Benefits:

- Simple, cost-effective and flexible
- Existing structural works can be used
- Holder adjustable in height, position and orientation
- Easy to install and to maintain
- Robust design: Suitable for process pressures up to 6 bar (87 psi)

Specs at a glance

- **Process temperature** -20 to 60 °C (-4 to 140 °F)

Field of application: The Flexdip CYH112 holder is a modular system for sensors and assemblies in open basins, channels, or tanks. It allows nearly any kind of fixing, such as floor, wall, and rail mounting. Moreover, it is suitable for all types of sensor installation – chain, fixed, or free-swinging. The holder can be expanded or modified at any time. Flexdip CYH112 provides you with outstanding flexibility and enables you to install your measurement right on the point.

Features and specifications

ORP / Redox

Measuring principle

Sensor ORP / Redox

Application

Water treatment, wastewater treatment, plant design, open channels, basins, open tanks and process vats, fluctuating water levels

ORP / Redox

Installation

CYH112 is a modular holder system for sensors and assemblies in open basins, channels and tanks

Characteristic

Simple and easy installation
Universal and flexible

Design

The holder system CYH112 works for nearly any type of fixing:
Fixing on the floor, wall or directly on a rail

Material

Main pipe, transverse pipe: stainless steel 1.4404
Chain: PA or stainless steel 1.4401

Process temperature

-20 to 60 °C (-4 to 140 °F)

Analyser

Measuring principle

UV photometric

Characteristic

Simple and easy installation
Universal and flexible

Design

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Fixing on the floor, wall or directly on a rail

Process temperature

-20 to 60 °C (-4 to 140 °F)

Application

Water treatment, wastewater treatment, plant design, open channels, basins, open tanks and process vats, fluctuating water levels

Disinfection

Measuring principle

Total chlorine

Application

Water treatment, wastewater treatment, plant design, open channels, basins, open tanks and process vats, fluctuating water levels

Characteristic

Simple and easy installation
Universal and flexible

Design

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Fixing on the floor, wall or directly on a rail

Material

Main pipe, transverse pipe: stainless steel 1.4404
Chain: PA or stainless steel 1.4401

Process temperature

-20 to 60 °C (-4 to 140 °F)

Oxygen

Measuring principle

Amperometric oxygen measurement

Application

Water treatment, wastewater treatment, plant design, open channels, basins, open tanks and process vats, fluctuating water levels

Installation

CYH112 is a modular holder system for sensors and assemblies in open basins, channels and tanks

Characteristic

Simple and easy installation
Universal and flexible

Oxygen**Design**

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Fixing on the floor, wall or directly on a rail

Material

Main pipe, transverse pipe: stainless steel 1.4404
Chain: PA or stainless steel 1.4401

Process temperature

-20 to 60 °C (-4 to 140 °F)

pH**Measuring principle**

Potentiometric

Application

Water treatment, wastewater treatment, plant design, open channels,
basins, open tanks and process vats, fluctuating water levels

Installation

CYH112 is a modular holder system for sensors and assemblies in open
basins, channels and tanks

Characteristic

Simple and easy installation
Universal and flexible

Design

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Fixing on the floor, wall or directly on a rail

Material

Main pipe, transverse pipe: stainless steel 1.4404
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Process temperature

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Conductivity

Measuring principle

Conductive

Application

Water treatment, wastewater treatment, plant design, open channels, basins, open tanks and process vats, fluctuating water levels

Installation

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Characteristic

Simple and easy installation
Universal and flexible

Design

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Fixing on the floor, wall or directly on a rail

Material

Main pipe, transverse pipe: stainless steel 1.4404
Chain: PA or stainless steel 1.4401

Process temperature

-20 to 60 °C (-4 to 140 °F)

Turbidity

Measuring principle

Single beam scattered light

Application

Water treatment, wastewater treatment, plant design, open channels, basins, open tanks and process vats, fluctuating water levels

Installation

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Turbidity

Characteristic

Simple and easy installation
Universal and flexible

Design

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Fixing on the floor, wall or directly on a rail

Material

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Chain: PA or stainless steel 1.4401

Process temperature

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