

# Modular holder system Flexdip CYH112

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



More information and current pricing:

[www.easc.endress.com/CYH112](http://www.easc.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

pH

### Measuring principle

Potentiometric

### Application

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

## pH

**Installation**

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

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**Characteristic**

Simple and easy installation  
Universal and flexible

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**Design**

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

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**Material**

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

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**Process temperature**

-20 to 60 °C (-4 to 140 °F)

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## ORP / Redox

**Measuring principle**

Sensor ORP / Redox

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## ORP / Redox

**Material**

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## Conductivity

**Measuring principle**

Conductive

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**Characteristic**

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**Material**

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**Process temperature**

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## Oxygen

**Measuring principle**

Amperometric oxygen measurement

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## Oxygen

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### Installation

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### Characteristic

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### Design

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### Material

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### Process temperature

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## Disinfection

### Measuring principle

Total chlorine

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### Application

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

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### Characteristic

Simple and easy installation  
Universal and flexible

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### Design

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Fixing on the floor, wall or directly on a rail

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## Disinfection

**Material**

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

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**Process temperature**

-20 to 60 °C (-4 to 140 °F)

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## Turbidity

**Measuring principle**

Single beam scattered light

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**Application**

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

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**Installation**

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**Characteristic**

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Universal and flexible

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**Design**

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**Material**

Main pipe, transverse pipe: stainless steel 1.4404  
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**Process temperature**

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## Analyser

**Measuring principle**

UV photometric

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## Analyser

### Characteristic

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### Process temperature

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### Application

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