

# Modular holder system Flexdip CYH112

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



Mais informações e preço atual:

[www.br.endress.com/CYH112](http://www.br.endress.com/CYH112)

### Benefícios:

- 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)

### Especificações resumidas

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

**Campo de aplicação:** 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.

## Características e especificações

### Conductivity

#### Measuring principle

Potentiometric

#### Application

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

## Conductivity

### 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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## Oxygen

### Measuring principle

Amperometric oxygen measurement

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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

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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**Oxygen****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**

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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**Analyser****Measuring principle**

UV photometric

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## Analyser

**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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**Process temperature**

-20 to 60 °C (-4 to 140 °F)

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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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## pH

**Measuring principle**

Potentiometric

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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**

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

---

**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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pH

**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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**Application**

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

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**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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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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## Disinfection

### 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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