Modular holder system
Flexdip CYH112

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

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

**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)

**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

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ORP / Redox

**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)

Conductivity

**Measuring principle**
Conductive

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

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**Characteristic**
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Universal and flexible

**Design**
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**Material**
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Chain: PA or stainless steel 1.4401

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

Oxygen

**Measuring principle**
Amperometric oxygen measurement
Oxygen

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
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)

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

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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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

More information [www.us.endress.com/CYH112](http://www.us.endress.com/CYH112)