

# Liquiline Edge Module CYY7

Connectivity device for the Liquiline platform  
for all industries



More information and current pricing:

[www.endress.com/CYY7](http://www.endress.com/CYY7)

## Benefits:

- **Connection to Netilion:** The device continuously transfers data from the measuring point to the cloud-based IIoT ecosystem Netilion. Thereby, it enables you to get remote data overview and make best use of your data and of IIoT applications.
- **Saving time and money:** With the unlocked data in Netilion, you can empower your field: have constant data overview from everywhere, monitor the health of devices and simplify maintenance, e.g. by receiving alerts for critical values.
- **Simple installation and seamless integration:** The plug-in device is space-saving and communicates independently of whatever architecture and fieldbus system you use. An intuitive wizard simplifies commissioning.
- **Cybersecurity:** The high security standards of the Liquiline Edge Module CYY7 keep your data safe and secured. It features a unique security concept that prevents intrusion into the process.
- **Netilion Liquiline Assist:** The comprehensible visualization, the sensor's health status and the correlation overview give you a helping hand to take full advantage of the collected data.
- **Order options to best suit your needs:** The module is available either as a feature when ordering a new transmitter or as an upgrade to an installed Liquiline platform (transmitter, sampler or analyzer) as well as in radio or Ethernet variant.

## Specs at a glance

- **Output / communication** connection to Netilion Cloud Platform: Ethernet; radio communication
- **Ingress protection** depending on Liquiline platform product

**Field of application:** The Liquiline Edge Module CYY7 enables extensive data transfer from the measuring point (even from barely accessible infrastructures) to Netilion. Thus, it simplifies maintenance by providing constant remote overview of measurement values, by offering additional insights of process data, and by enabling the use of IIoT applications. It is easy-use as it is a plug-in module that communicates independently of the present architecture and fieldbus.

## Features and specifications

pH

### Measuring principle

Potentiometric

### Application

Netilion, cloud connectivity for multiparameter, transmitter, sampler and analyzer;

### Characteristic

fieldbus-independent, secure cloud connectivity

### Design

SD card slot

Ethernet interface Antenna interface and pigtail

LEDs

### Material

PC/PBT

### Dimension

888 x 305 x 278 mm

3.49 x 1.2 x 1.09 inch

### Process temperature

-20 to 60 °C (0 to 140 °F)

### Ingress protection

depending on Liquiline platform product

pH

**Output / communication**

connection to Netilion Cloud Platform:  
Ethernet; radio communication

---

ORP / Redox

**Measuring principle**

Sensor ORP /  
Redox

---

Conductivity

**Measuring principle**

Conductive

---

**Application**

Netilion, cloud connectivity for multiparameter transmitter, sampler and analyzer;

---

**Characteristic**

fieldbus-independent, secure cloud connectivity

---

**Design**

SD card slot, Ethernet interface Antenna interface and pigtail, LEDs

---

**Material**

PC/PBT

---

**Dimension**

888 x 305 x 278 mm  
3.49 x 1.2 x 1.09 inch

---

**Process temperature**

-20 to 60 °C (0 to 140 °F)

---

**Ingress protection**

depending on Liquiline platform product

---

## Conductivity

### **Output / communication**

connection to Netilion Cloud Platform:  
Ethernet; radio communication

---

## Oxygen

### **Measuring principle**

Amperometric oxygen measurement

---

### **Application**

Netilion, cloud connectivity for multiparameter transmitter, sampler and analyzer;

---

### **Characteristic**

fieldbus-independent, secure cloud connectivity

---

### **Design**

SD card slot, Ethernet interface Antenna interface and pigtail, LEDs

---

### **Material**

PC/PBT

---

### **Dimension**

888 x 305 x 278 mm  
3.49 x 1.2 x 1.09 inch

---

### **Process temperature**

-20 to 60 °C (0 to 140 °F)

---

### **Ingress protection**

depending on Liquiline platform product

---

### **Output / communication**

connection to Netilion Cloud Platform:  
Ethernet; radio communication

---

## Disinfection

**Measuring principle**  
Ozone

## Turbidity

**Measuring principle**  
Single beam scattered light

## Sludge Level

**Measuring principle**  
Ultrasonic sensor

## Concentration

**Measuring principle**  
Absorption

## Analyser

**Measuring principle**  
Differential conductivity

**Characteristic**  
fieldbus-independent, secure cloud connectivity

**Size**  
888 x 305 x 278 mm  
3.49 x 1.2 x 1.09 inch

**Design**  
SD card slot, Ethernet interface Antenna interface and pigtail, LEDs

**Process temperature**  
-20 to 60 °C (0 to 140 °F)

## Analyser

### Application

Netilion, cloud connectivity for multiparameter transmitter, sampler and analyzer

---

### Output / communication

connection to Netilion Cloud Platform:  
Ethernet; radio communication

---

## Watersampler

### Measuring

#### principle

Sampler

---

More information [www.endress.com/CYY7](http://www.endress.com/CYY7)