Installation Instructions
Liquiline Edge Module CYY7

Cellular radio/Ethernet version (EMR) and
Ethernet version (EME)

Endress+Hauser [EH]

People for Process Automation

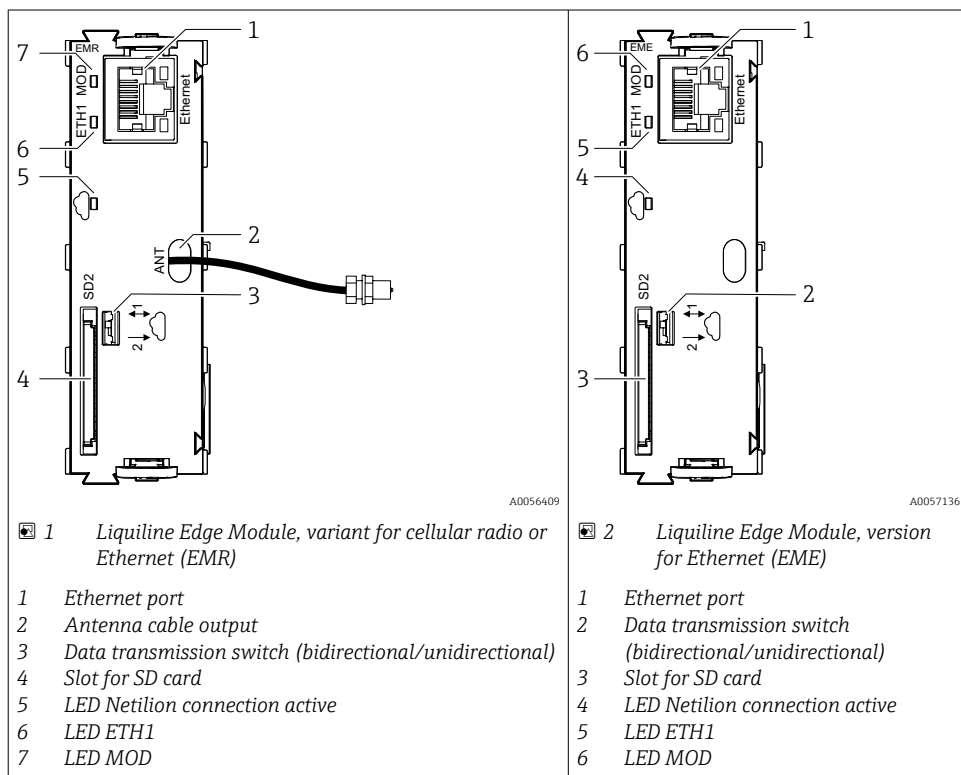# Table of contents

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1   Documentation

In addition to these Installation Instructions, please refer to the Operating Instructions. These can be found on the product pages at www.endress.com/CYY7:

BA02425C

2   Manufacturer's address

Endress+Hauser Conducta GmbH+Co. KG
Dieselstraße 24
70839 Gerlingen
Germany

3   Product description

 1   Liquiline Edge Module, variant for cellular radio or Ethernet (EMR)

1   Ethernet port
2   Antenna cable output
3   Data transmission switch (bidirectional/unidirectional)
4   Slot for SD card
5   LED Netilion connection active
6   LED ETH1
7   LED MOD

 2   Liquiline Edge Module, version for Ethernet (EME)

1   Ethernet port
2   Data transmission switch (bidirectional/unidirectional)
3   Slot for SD card
4   LED Netilion connection active
5   LED ETH1
6   LED MOD

4 Installation

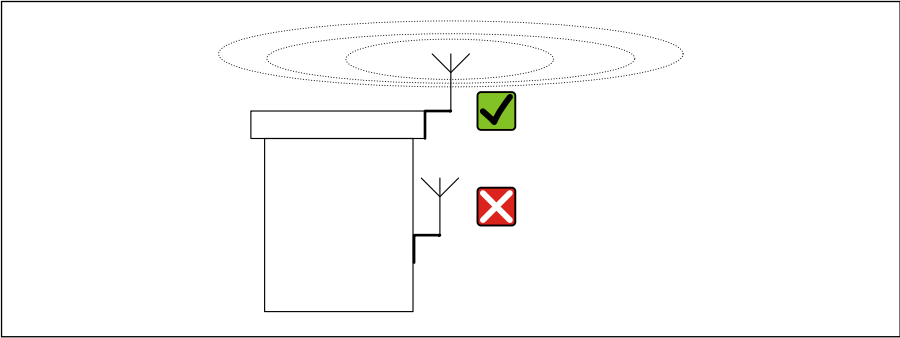## 4.1 Installing the Liquiline Edge Module

1. Disconnect the field device from the power supply.
2. Install the Liquiline Edge Module. Refer to the operating instructions for the Liquiline Edge Module, BA02425C.

4.2 Installing the antenna (for cellular radio version)

ℹ️ Recommendation: Installation distance between the antenna and the transmitter: min. 50 cm

Installation position

1.

   A0057200

   Select the highest possible installation position. Install the antenna so that it is free-standing on all sides and does not face a roof, wall, or similar obstruction.
2. Install the antenna. Refer to the operating instructions for the Liquiline Edge Module, BA02425C.

5 Electrical connection

5.1 Connecting the Ethernet cable (for Ethernet version)

▸ Connect the Liquiline Edge Module to the receiving point via an Ethernet cable. Refer to the operating instructions for the Liquiline Edge Module, BA02425C.

5.2   Connecting the antenna cable (for the cellular radio version)

▶   **⚠ WARNING**

The antenna cable may be live if it comes into contact with single-insulated cables carrying mains voltage.

▶ Secondary circuits must be separated from mains supply circuits by reinforced insulation or double insulation.
▶ Route the antenna cable in such a way that it does not come into contact with single-insulated live cables.

NOTICE

If the bending radius of the antenna cable is too small, the radio signal may be faulty or fail.

▶ Do not kink the antenna cable, and route it with a sufficiently large bending radius.

Connect the antenna cable using the adapter cable of the Liquiline Edge Module. Refer to the operating instructions for the Liquiline Edge Module, BA02425C.

6   Commissioning

6.1   Connecting to Netilion

To establish a connection to Netilion, a Netilion account and a corresponding Netilion plan are required.

Create a Netilion account:

▶ netilion.endress.com

Connect the edge module to Netilion:

1. The edge module is mounted and the Internet connection via Ethernet or cellular radio is established. The data transmission switch (unidirectional/bidirectional) is set to position 1 (bidirectional data transmission).
    Navigate to the path: **Menu/General settings**/**Extended setup**/**Edge module/ Commissioning wizard**

2. Follow the wizard's instructions.
    ↳   The connection to Netilion is established.

> **NOTICE**
>
> **Establishing the mobile connection can take several minutes.**
> ▶ If no connection is established within 10 minutes during the **Cellular network reception** step of the commissioning wizard, carry out the next steps.
> ▶ Restart the device when the commissioning wizard is completed.
> ▶ Check that connection to Netilion has been successful: In the device menu via the path: **Menu//Diagnosis/System information/Edge module/Cellular network** or via the LED signal of the edge module: The LED with the cloud symbol shows a continuous green light when the connection to Netilion has been established.

www.addresses.endress.com

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