Installation Instructions
Liquiline Edge Module CYY7

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

Endress+Hauser [EH]

People for Process Automation

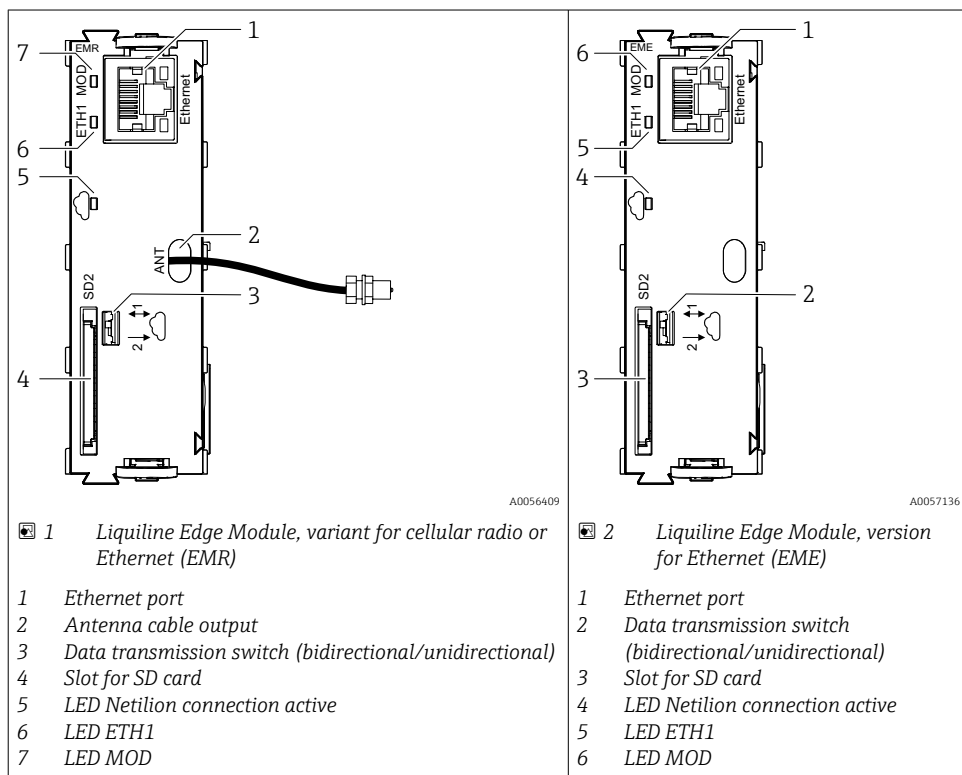# Table of contents

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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 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

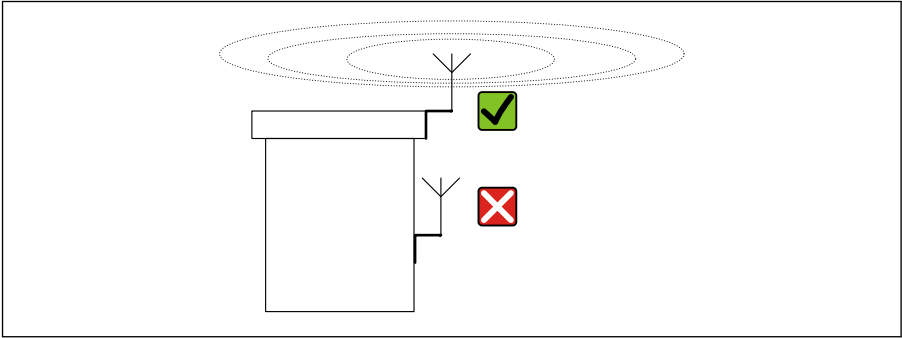## 4.1 Installing the Liquiline Edge Module

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.

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 Connect 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**

If the antenna cable comes into contact with inadequately insulated live cables, the antenna cable may carry voltage.
- ▸ Secondary current circuits must be separated from mains voltage circuits through reinforced or double insulation.
- ▸ Route the antenna cable to ensure there is no contact with uninsulated live cables.

NOTICE

If the bending radius of the antenna cable is too small, the radio signal may be impaired or fail.
- ▸ Do not kink the antenna cable and route it with an adequate 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   Establishing a connection 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 Liquiline Edge Module to Netilion:

1.   The Liquiline Edge Module is installed, 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 following path: **Menu/General settings/Extended setup/Edge module/Commissioning wizard**

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

> **NOTICE**
>
> **Establishing the cellular radio connection may take several minutes.**
>
> ▶ If the connection is not established within 10 minutes during the **Cellular network reception** step in the commissioning wizard, proceed with the next steps.
> ▶ After completing the commissioning wizard, restart the device.
> ▶ Check successful connection to Netilion: In the device menu via the path: **Menu//Diagnosis/System information/Edge module/Cellular network** or via LED signal of the edge module: The LED with the cloud symbol shows a steady green light when the connection to Netilion is established.

71700740

www.addresses.endress.com

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