

# Special Documentation


## Liquiline Edge Module CYY7

Cellular radio/Ethernet version (EMR)  
Radio approvals



# 1 Mounting the radio approval label

- ▶ Attach the included radio approval label to the field device. Regard local standards and regulations.

 It is recommended that the mounting of the radio approval label is carried out by an Endress+Hauser service technician.

## 2 Technical Data

LTE Cat M1	3GPP release 14 Max. 375 kbps (download) Max. 1.12 Mbps (upload) Frequency bands: B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B25/B26/B27/B28/B66/B85
LTE Cat NB1 (NB-IoT)	3GPP release 14 Max. 32 kbps (download) Max. 70 kbps (upload) Frequency bands: B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B25/B28/B66/B71/B85
LTE Cat NB2 (NB-IoT)	3GPP release 14 Max. 136 kbps (download) Max. 150 kbps (upload) Frequency bands: B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B25/B28/B66/B71/B85
GPRS	No
Antenna	Manufacturer: 2J antennas Type: 2J2024B
SIM interface	internal eSIM

## 3 CE radio approval

Endress+Hauser Conducta GmbH+CO. KG hereby declares that radio devices with integrated Liquiline Edge Module CYY7 cellular radio/ethernet version (EMR) comply with directives 2014/53/EU.

The complete text of the EU declaration of conformity is provided on the product pages on the Internet.

## 4 USA radio approval (FCC)

Contains FCC ID: XMR201910BG95M3

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This device has been designed and complies with the safety requirements for mobile devices in accordance with FCC Rule part §2.1091

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Increase the separation between the equipment and receiver.
- Consult the dealer or an experienced radio/television technician for help.

Radiofrequency radiation exposure information:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

## 5 Canada radio approval (IC)

Contains IC: 10224A-201910BG95M3

This device complies with ISED's license-exempt RSSs. Operation is subject to the following two conditions:

- (1) This device may not cause interference; and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Radiofrequency radiation exposure information: This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Cet appareil est conforme aux RSS exemptés de licence d'ISED. Le fonctionnement est soumis aux deux conditions suivantes:

- (1) Cet appareil ne doit pas causer d'interférences; et
- (2) Cet appareil doit accepter toute interférence, y compris Interférences pouvant provoquer un fonctionnement indésirable de l'appareil

Les changements ou modifications non expressément approuvés par la partie responsable de la conformité pourraient annuler l'autorité de l'utilisateur à utiliser l'équipement.

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps. Ce transmetteur ne doit pas être placé au même endroit ou utilisé simultanément avec un autre transmetteur ou antenne.

## 6 Japan radio approval



**003-200139**

**D200116003**

A0046302

Japanese Radio Law and Japanese Telecommunications Business Law Compliance. This device is granted pursuant to the Japanese Radio Law (電波法) and the Japanese Telecommunications Business Law (電気通信事業法). This device should not be modified (otherwise the granted designation number will become invalid).

## 7 Availability



Contact the local telecommunications authority to find out if the permanent use of an internal eUICC is permitted as part of the roaming services. If this method cannot be applied on a permanent basis, a fourth form factor external SIM ("4FF") can be used in the device.

Contact your Sales Center for details or if you have any questions.

## 7.1 Europe

Andorra	Azores	Belgium
Bosnia-Herzegovina	Bulgaria	Denmark
Germany	Estonia	Finland
France	Georgia	Greece
Ireland	Iceland	Italy
Channel Islands	Kosovo	Croatia
Latvia	Liechtenstein	Lithuania
Luxembourg	Malta	Macedonia
Monaco	The Netherlands	Norway
Austria	Poland	Portugal
Romania	San Marino	Sweden
Switzerland	Slovakia	Slovenia
Spain	Czech Republic	Hungary
Vatican City	United Kingdom	Cyprus

## 7.2 North America

French Guyana	Guadeloupe	Canada
Martinique	Saint-Barthélemy	Saint Martin
USA	-	-







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