CMi4111

Integrated meter module for L+G T230/T330, **LoRaWAN**

CMi4111 is an integrated LoRaWAN module for Landis+Gyr T230 and T330 to deliver meter data to a receiving server via a LoRaWAN network. CMi4111 together with the meter has 11 years of battery life, is energy-efficient and has a long communication range. CMi4111 is easily configured through Elvaco OTC app (via NFC). With CMi4111, Elvaco offers a meter communication module designed for customers that require a user-friendly and cost-effective solution.



Technical specification

Mechanics

Dimensions (w x h x d) 58 x 36 x 9 mm

Mounting Module slot in Landis+Gyr T230/T330

Weight 10 g

Electrical connections

Supply voltage Internal meter battery,

lifetime up to 11 years

Electrical characteristics

Nominal voltage 3 0 VDC Power consumption (max) 50 mA

Power consumption

(sleep mode)

~2.5 µA

Environmental specifications

+5 °C to +55 °C Operating temperature

O to 93 % RH, no condensation Operating humidity

0-2000 m Operating altitude Pollution degree Degree 1 Usage environment Indoors

-20 °C to +60 °C Storage temperature

Radio characteristics

868 MHz Frequency Output power 14 dBm Receiver sensitivity -135 dBm

LoRaWAN characteristics

Device class Class A, Bi-directional

LoRA version 1.0.2

Activation OTAA or ABP

DRO-DR5 (250-5470 bit/s) Data rate

User interface

Configuration NFC via Elvaco OTC app or downlink

data

Approvals

LoRa Alliance® LoRaWAN® Certified

EMC EN 301489-1, EN 301489-3

