

► BrunataNet GateReceiver 3.1 (radio receiver)

The BrunataNet GateReceiver is used in Brunata-Net metering systems, which incorporate different meters with transmitter modules.

The positioning of the receiver must take into account conditions of transmission and reception. The number of receivers must also conform to the transmitting and receiving conditions within the individual installations. Typical locations are stairways or attics.

With GateReceiver 3.1 it is possible to receive both wireless M-Bus (wM-Bus) and IMR, which are Brunata's protocol version 1 and 2 (Time Division Multiplexing).

GateReceiver 3.1 receives various data protocols concurrently, and it can hold data from up to 8000 different meters.



Version 3.1

Data collection system

Protocol: Brunata protocol
Cable type: 2 x 2 core, twisted pair, diam. 0.6 mm

Radio interface

Bus type: Wireless
Protocol: Wireless M-Bus V3
Frequency: 868 MHz
Protocol: BW 433 V1 and V2
Frequency: 433.92 MHz
Modulation type: FSK (FM)
Range: Depending on local conditions

Power supply

Power supplied from: BrunataNet cable
Supply voltage range: 12-30 V DC
Power consumption: < 1 W

Manufacturer's data

Manufacturer: Brunata a/s
Designation: BrunataNet GateReceiver
Type: Radio receiver
Weight: 250 g
Dimensions: 80 mm x 160 mm x 56 mm
box excl. antennas and grommet
Antenna length: 170 mm
Protection class: IP40

Environmental requirements for GateReceiver

Storage temp.: -20 °C to 85 °C
Operation temp.: -20 °C to 65 °C
Humidity: Max. 90 % RH, installation only in non-condensing environment



Standards

EN 60950
EN 301 489
EN 300 220
EN 62311

Brunata is a Danish owned company which ensures a fair and individual allocation of energy costs with Danish metering solutions. We have almost 100 years of experience within developing and producing meters, heat cost allocators, consumption accounts and meter services. Today meters are often remotely read with access to data via the Internet. Brunata has a quality control system fulfilling DS/EN ISO 9001 and 14001.