

► BrunataNet GateReceiver

The BrunataNet GateReceiver is used in BrunataNet metering systems which incorporate meters with transmitter modules. 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.



Communication with metering system:

Protocol: B-bus, Brunata protocol
Cable type: 2 x 2 core, twisted pair, \varnothing 0.6 mm
Cable length, max.: 1,200 m
Connection to: RS485 / B-bus
Watchdog function: On errors due to external impact the GateReceiver performs a restart after 20 min.

Environment requirements for GateGPRS

Storage temp.: -20 °C to 55 °C
Operation temp.: 0 °C to 45 °C
Humidity: Max. 90 % RH

Communication by RF:

Bus type: Wireless
Protocol: BW 433 V1-2
Frequency: 433,92 MHz
Modulation type: FSK (FM)
Range: Up to 50 m - depending on local conditions

Data on CE-marking label:

Markings: Voltage: 12 - 30 V DC
Current: 30 mA
Manufacturer: Brunata a/s
Product: GateReceiver

Power supply:

Power supply from: Network cable
Supply voltage: 12 - 30 V DC
Power consumption: 30 mA (max.)



Manufacturer's data:

Manufacturer: Brunata a/s
Designation: BrunataNet GateReceiver
Type: Receiver
Weight: 235 g
Fastening: 4 internal fastening holes
Dimensions: 80 mm x 160 mm x 56 mm
Antenna length: 135 mm
Protection class: IP40

Standards:

- EN 60950
- EN 301 489
- EN 300 220
- EN 62311