

## ► 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, diam. 0.6 mm  
Cable length (max.): 1,200 m  
Connection to: B-bus / RS485  
Watchdog function: On errors due to external impact the GateReceiver performs a restart after 20 min.

### 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

### Power supply

Power supplied 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

### Environmental requirements for GateReceiver

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

### Data on CE-marking label

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



### Standards

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

*Brunata is a 100% Danish owned company. We have more than 90 years of experience within developing and producing heat cost allocators, heating accounts and meter service. We have a quality control system fulfilling DS/EN ISO 9001 and 14001. Please contact us if you have any questions or would like further information.*