



► BrunataNet GateGPRS

A GateGPRS is used for remote reading of the receivers, GateReceivers, in BrunataNet. The GateGPRS collects data from a GateReceiver and forwards the readings to Brunata's database server over the GSM net. The GateGPRS can be employed where GSM-net coverage is available and where the GSM-net supports GPRS.

Features

- Functional status easily read on diodes
- Supports up to 20 GateReceivers
- Easy to install
- Memory within the GateGPRS (an advantage in case of interrupted internet connection)
- Connection behind a firewall without special configuration
- The BrunataNet GateGPRS is equipped with its own built-in receiver and is powered by an external power supply unit

Manufacturer data

Manufacturer	Brunata a/s
Label	BrunataNet GateGPRS
Type	Data collection unit
Function	Data transferral with GPRS via GSM-net
Frequency	Quad Band: GSM 850/900/1800/1900 MHZ
Weight	250 g
Mechanical measurements	82 mm x 162 mm x 55 mm
Mounting	4 interior mounting holes
Protection class	IP51

Environment for the GateGPRS

Stockroom temperature	-20 °C to 55 °C
Operation temperature	0 °C to 45 °C.
Humidity	Max 90 % RH

Battery

Type:	Rechargeable NI-MH battery with build-in short circuit fuse
Volatge:	4,8V
Capacity	4,5Ah
Operation time:	Approx. 4 days

Battery charger

Connecting voltage	AC 100-240 V
Frequency	50-60Hz
Storage temperature	-20 °C to 85 °C
Operation temperature	0 °C to 30 °C at 100 % strain 0 °C to 45 °C at 75 % strain
Humidity	Max 95 % RH

The GSM-module of the GateGPRS complies with the following EU directives and standards:

- FCC Part 15 Subpart B, Class A
- EN55022, Class A
- EN55024
- EN61000-3-2,3
- UL60950
- CAN/CSA C22.2 No. 60950
- EN60950
- EN301 489
- EN62311
- EN301 511

BrunataNet GateGPRS is available in 3 versions:

Product	Number of GateReceivers	Item no.
GateGPRS for battery	1	44-0284-A
GateGPRS for fixed power supply	1	44-0285-A
GateGPRS for high capacity power supply	20 (19 can be attached)	44-0285-A

The following system components are available with the GateGPRS

Productname	Item no.
GateReceiver	75-2234-h
Connection box	44-0522-b
BrunataNet cabel w/4 cores (red, black, green, yellow)	44-0260-c
Battery	04-6021-c
Battery charger	44-0275-b

The GateGPRS is available with and without SIM-card.

Data on CE-marking label:

Voltage: 12-30 V DC

Current: 150 mA

Manufacturer: Brunata a/s

Model/type: Gate GPRS data collection unit



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.