

► BrunataNet BoxGPRS (GPRS/RS485) – DriveBy

A GPRS box is used in connection with remote reading of meters with radio transmitters or receivers in a Brunata RS485-network. The GPRS box sends the data to Brunata WebMon database via a GPRS connection. The GPRS box can be used where there is GSM-network coverage and where the GSM-network can run GPRS.

Manufacturer data

Manufacturer	Brunata a/s
Label	BrunataNet BoxGPRS (GPRS/RS485)
Type	Data collection unit
Function	Data transferral with GPRS via GSM-net
Frequency	Quad Band: GSM 580/900/1800/1900 MHZ
Weight	250 g
Mechanical measurements	82 mm x 162 mm x 55 mm
Mounting	4 interior mounting holes
Degree of tightness	IP51

Environment for the GPRS-box

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

Battery (concerns only part numbers 44-0284-A and 44-0263-A)

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

Electrical (concerns only part numbers 44-0285-A and 44-0262-A)

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 product is in accordance with the following standards

EU directive

The GSM module is in accordance with the following directive and harmonised standards:

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



BrunataNet BoxGPRS can be ordered with following system components:

Part number	Product name
75-2234-H	Radio receiver ver1*
44-0301-B	Radio receiver ver2*
44-0522-B	Assemble box*
04-6021-C	Battery*
44-0275-B	Battery charger*
44-0474-C	External power supply**
44-0260-C	Brunata RS485 net-cable med fire conductors in the colours red, black, green and yellow**

* To this variant of the GPRS box there can not be connected additional receivers.

** To this variant of the GPRS box there can be connected additional 19 receivers in a RS485 network.

Brunata is a 100 % Danish owned company. We have more than 90 years of experience within developing and producing heat cost allocators and heating accounts. Brunata a/s has implemented a quality system in accordance with EN ISO 9001. Please contact us for further information on our products.