

## ► HG<sup>+</sup> for HG meters

HG<sup>+</sup> is a converter consisting of a small inset card. It is used for HGQ / HGS / HGW / HGP-SIV. The card is inserted in HG meters so that they can be read remotely via BrunataNet. HG<sup>+</sup> is easy to install, and shows the operational status of the HG meter on 4 diodes.

### Properties

- Transmits data every ten seconds or every hour depending on the BrunataNet version
- Telegrams contain 8-11 HG<sup>+</sup> meter specific data, depending on meter type
- Remote reading via ISM 433.92 MHz
- Installation with connector

### Further information

HG<sup>+</sup> reads and transmits 8-11 meter specific data including connected external meters. Readings are made at ten second intervals and transmitted every ten seconds or every hour to a GateReceiver in BrunataNet. How often data are received depends on the BrunataNet version.

HG<sup>+</sup> is mounted in the nine-pole communication jack at the bottom print of the HG meter. HG<sup>+</sup> receives power from the meter's power plug. No further installation is required.

The four diodes on HG<sup>+</sup> show whether:

- the HG<sup>+</sup> print is receiving power
- HG<sup>+</sup> is communicating with the HG meter
- HG<sup>+</sup> is transmitting a telegram
- there is a communication error between the HG meter and HG<sup>+</sup>

### HG<sup>+</sup> meter specific data:

Technical data	Unit
Power supply	5 V
Frequency	ISM 433,92 MHz
Transmission speed v1	1,2 kbit/s
Transmission speed v2	150 kbit/s
Ambient temperature	5 - 55 °C
HG <sup>+</sup> card size	65 x 32 mm



HG water and volume meter	Unit
HG meter number	None
Accumulated volume	m <sup>3</sup>
Flow	m <sup>3</sup> /h
Aux 1 (pulse counter)	None
Aux 2 (pulse counter)	None
Operating period	Hours
Failure period	Hours
Tariff volume	m <sup>3</sup>
Peak flow	m <sup>3</sup> /h
Status	None

HG energy meter	Unit
HG meter number	None
Accumulated volume	m <sup>3</sup>
Flow	m <sup>3</sup> /h
Aux 1 (pulse counter)	None
Aux 2 (pulse counter)	None
Operating period	Hours
Failure period	Hours
Accumulated energy	kWh/MWh/GJ
Power	kW
Inflow temperature	°C
Outflow temperature	°C
Differential temperature	K
Status	None

*Brunata is a Danish owned company. We have more than 90 years of experience within developing and producing meters, heat cost allocators, consumption accounts, meter services and latest substations. Today meters are often remotely read with access to the internet. We have a quality control system fulfilling DSI/EN ISO 9001 and 14001.*