

## ► HG<sup>+</sup> for HG meters

HG<sup>+</sup> is a converter consisting of a small 65 mm x 3 mm inset card, which 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
- 8-11 HG<sup>+</sup> meter specific data, depending on meter type
- Remote reading via ISM 433.92 MHz
- Built-in power supply
- 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 radio receiver 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 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 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	W
Inflow temperature	°C
Outflow temperature	°C
Differential temperature	K
Status	None

*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.*