▶ Electronic comfort meter

Electronic comfort meter designed for the measurement of room temperature

- measures the actual temperature by means of internal sensors or a remote sensor

- in the standard setting measuring is done every second minute. The measuring interval varies from 0.5 to 127.5 minutes.

- the temperature is displayed in °C

- the measuring range is –50 °C to +50 °C (standard setting)

- renewable lithium batteries

- radio transmitter module for remote reading available

How the meter works
The meter performs measurements every second minute.

Based on the temperature measured different mean values are calculated:

- 24 hours mean temperature

- 14 days mean temperature

- Mean temperature of the year

The 24 hours mean temperature and the 14 days mean temperature are based on individual measurements, while the annual mean temperature is based on the 24 hours mean temperature. The mean temperatures are updated after every measurement and stored.

Memory log
Values from the first and fifteenth of each month are stored in the log. In total data from 52 log periods are stored (corresponds to data for two years and 2 months).

The following data are stored:

- the last 24 hours mean temperature of every log period (K, resolution 0.1 K)

- the second-last 24 hours mean temperature of every log period (K, resolution 0.1 K)

- mean temperatures for the current log period and mean temperatures for the last 52 log periods (K, resolution 0.1 K)

- mean temperature of the current year (K, resolution 0.1 K)

- mean temperature of the previous year (K, resolution 0.1 K)

With or without radio transmitter?
Equipping the comfort meter with a radio transmitter is a good idea. It enables remote reading and provides access to several meter data.
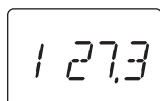
The meter also works without BrunataNet. In this case readings are done manually by means of a hand terminal – typically once a year but minimum once every second year.

Brunata is a 100 % Danish owned company. We have more than 85 years of experience within developing and producing heat cost allocators and heating accounts. Brunata has implemented a quality system in accordance with EN ISO 9001. Please contact us for further information on our products!
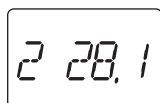
Easy-to-read display

The comfort meter is easy to read. The following information is displayed alternately (in °C):
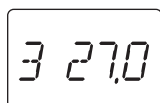
1. Actual temperature from the latest reading

   `1 27.3`
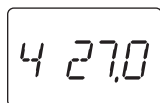
2. The mean temperature of the current 24 hours

   `2 28.1`
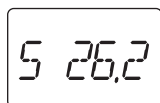
3. The mean temperature of the previous 24 hours
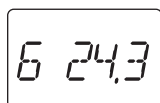
   `3 27.0`

4. The mean temperature of the current 14 days

   `4 27.0`

5. The mean temperature of the previous 14 days

   `5 26.2`

6. Mean temperature of the current year

   `6 24.3`

7. Meter no.

   `00809`

Radio telegram

Meters with radio transmitters send off a number of information within a certain interval:

• Meter no.

• Actual temperature from last reading (K, resolution 0.1 K)

• Mean temperature of the last 24 hours (K, resolution 0.1 K)

• Mean temperature of the current 14 days (K, resolution 0.1 K)

• Mean temperature of the last 14 days (K, resolution 0.1 K)

• Mean temperature of the current year

Renewable batteries

Comfort meters come with renewable batteries. The meter can be set at different transmission frequencies. The transmission interval should not exceed a frequency of 4 telegrams per hour as this affects the durability of the battery. For example, a typical setting is 4 times every 24 hours.

Technical information

Functioning:
Electronic comfort meter for registration of room temperature.

Measurements and weight

Measurements and weight:	135 x 37 x 18 mm, approx. 61 g
Battery:	Renewable batteries
	One 3.6 V or 3.0 V lithium battery with a life span of minimum 10 years