



**INTRODUKTION**

Designed for indoor wall mounting. The sensor is intended to use with room climate controller RCX and lab climate controller LCX.

The “airy” encapsulation gives as short a time constant as possible for temperature changes.

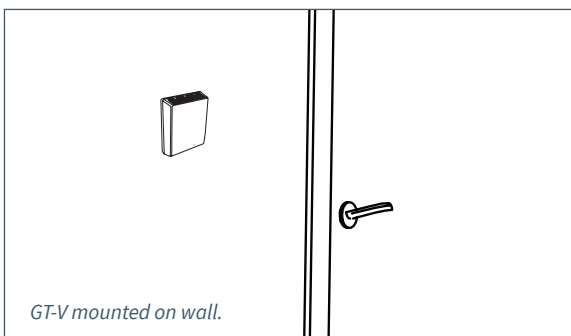
**FUNCTION**

The sensor is connected to the controller and provides an output signal 0-10 V range 12-43 °C.

**LOCATION**

The temperature measured from a wall mounted sensor is normally an average of heat from the surface of the wall where the sensor is mounted and the surrounding air temperature. To achieve a rapid response from the sensor it is important to place it on a wall surface that is not a thermal bridge and preferably not on walls with a relatively high thermal inertia, such as on concrete pillars.

If you place the sensor right next to a door it will be affected by the corridor temperature. This due to the airflow that is a result of the temperature difference between room and corridor.



**TECHNICAL SPECIFICATIONS**

**General**

**Thermometer:** Thermometer with thermistor of the negative temperature coefficient (NTC) type, connected to electronics that give an Output signal in the range 0-10V.

**Measuring range :** 12-43 °C.

**Accuracy:** Temperatur: ± 0,5 K.

**Dimension:** 103x82x30 mm.

**Material:** Encapsulation in ABC

**Weight :** 0,09 kg

**Colour:** RAL9003

**Electrical system**

**Supply:** 24 VAC

**Output:** <0,5 VA

**CE-märkning:** Complies with EMC and Low Voltage Directive

**IP-klass:** IP20 encapsulation

**Utsignaler:** 1 x 0-10 V for the range 12-43°C, linear.

**ADDITIONAL PRODUCT DOCUMENTATION GT-V**

The documents can be downloaded on the product page for GT-V at [www.lindinvent.se](http://www.lindinvent.se)

Document	Comments
Installation instruction	Instructions with commissioning. Assembly, connection and commissioning instructions with control unit.
Commissioning instructions	Parameter settings on RCX and LCX climate controllers, see Installation instructions with commissioning.
Maintenance instructions	Considered maintenance free.
Connection diagram	Displays connections and connection on circuit boards.
Environmental product declaration	Assessed by Byggarubedömningen and Sundahus.