

INTRODUCTION

GT-D is a temperature sensor designed for duct mounting.

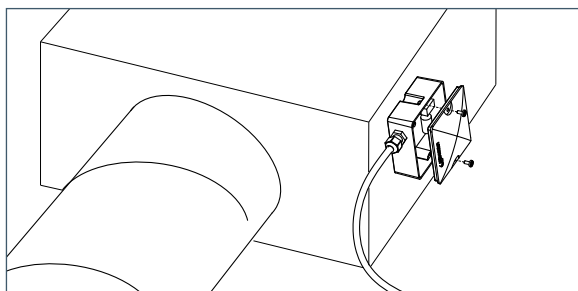
- Connected as an accessory to Lindinvent's products for climate control.
- Mounted inside housing with a cylinder formed insertion tube.

FUNCTION

The temperature sensor provides a 0-10 V output signal to the connected controller. (12-43° C range)

PLACEMENT

For a correct representation of the room temperature, the sensor must be placed as close to the exhaust air diffusers as possible. Proper placement is especially important during downtime and the air is stationary in the duct.



GT-D mounted on the exhaust air diffuser.

TECHNICAL SPECIFICATIONS

General

Temperature sensor

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

Accuracy: Temperature ± 0.5 K

Dimension: L110 x W90 x H100 mm.

Length incl screw fitting and height incl insertion tube.

Material: ABS encapsulation

Colour: Polar white

Electrical system

Supply voltage: 24VAC

Output: <0.5 VA

CE marking: Complies with EMC and Low Voltage Directive

IP class: IP31 encapsulation

Output signals: 1 x 0-10 V for 12 - 43° C range, linear.

ADDITIONAL PRODUCT DOCUMENTATION GT-D

The documents can be downloaded on the product page for GT-D at www.lindinvent.se

| Document | Comments |
|-----------------------------------|---|
| Installation instruction | Instructions with commissioning. Hole drilling in duct / plenum box, connection and commissioning instructions with control unit. |
| Commissioning instructions | For parameter settings on controllers see the Installation Instructions. |
| Maintenance instructions | Considered maintenance free. |
| Connection diagram | Displays connections and connection on circuit boards. |
| Environmental product declaration | Assessed by Bygghälsö och Miljö AB and Sundahus. |