

GT-D: Temperature sensor, duct-mounted. GTN-D: Identical enclosure as GT-D.

### INTRODUCTION

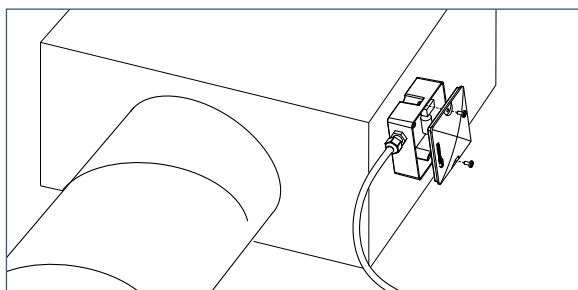
GT-D and GTN-D are temperature sensors designed for duct installation. The enclosure consists of a box with an insertion tube.

### FUNCTION

The duct-mounted temperature sensor GT-D connects as an accessory to a room climate regulator and provides an output signal of 0-10 V for the range 12-43 °C. GTN-D is a simpler version of GT-D, intended for the SBTb thermal actuator controller and DCV-B baffle control.

### PLACEMENT

For accurate room temperature measurement, the sensor should be placed as close to the exhaust air outlets as possible. Placement near the exhaust air outlets is particularly important when air is stationary in the duct during operational stops.



GT-D or GTN-D installation on the exhaust air outlet.

### TECHNICAL SPECIFICATIONS

#### Temperature Measurement GT-D

Sensor with NTC type thermistor and electronics providing an output signal between 0-10V.

**Measurement range GT-D:** 12-43 °C

**Accuracy GT-D:** ± 0,5 K

#### General

**Dimensions:** L110xB90xH100 mm

L110xW90xH100 mm (Length with gland and height with insertion tube)

**Material:** ABS enclosure

**Color:** Polarvit

**Weight GT-D:** 0,1 kg

**Weight GTN-D:** 0,08 kg

**Color:** RAL9003

**IP-Rating:** Enclosure IP31

#### Electrical System

**Power Supply:** 24 VAC

**Power Consumption:** <1 VA

**CE-Marking:** Complies with EMC and low voltage directives

**Output Signals:** 1 output 0-10 V for the range 12-43°C, linear.

#### GTN-D

GTN-D is a variant of GT-D where the electronics with a 0-10V active sensor signal have been replaced by a circuit board for 2-wire connection of a passive NTC sensor. GTN-D is designed as an accessory for both the SBTb thermal actuator controller and the DCV-B baffle control.

### COMPLEMENTARY DOCUMENTATION

Documents are accessible on the product page for GT-D & GTN-D at [www.lindinvent.com](http://www.lindinvent.com)

Documents	Kommentar
Installation Instructions	Instructions for commissioning the GT-D, including hole cutting, connection, and commissioning instructions with the controller.
Commissioning Instructions	For parameter settings on regulators, refer to the Installation Instructions
Maintenance Instructions	Considered maintenance-free.
External Connection Diagram	Shows connections and wiring on the circuit board.
Environmental Product Declaration	Assessed by Byggarubedömningen and Sundahus in Sweden.
AMA-text	Collection document for sensors.