

# Installation Instructions, Internal temp. sensor, TBLZ-1-58 GOLD

## 1. General

The sensor is used for the exhaust air regulation function or as a temperature monitor/alarm sensor for the GOLD RX (rot. heat exchanger). The sensor is supplied with a cable. The length of the cable must be specified when placing an order: 1 — 10 metres

## 2. Range of Application

The temperature sensor is intended for use in extra functions that require several sensors at other locations than that of the AHU's standard sensor.

## 3. Installation

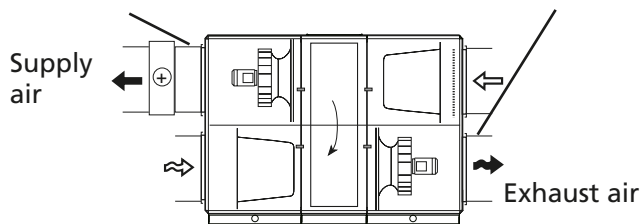
Install the sensor according to the figure in the external duct system.



### GOLD, supply air fan, left, upper level

Mount the sensor here by the temperature monitor function. Connect to the contact marked "SENSOR 3".

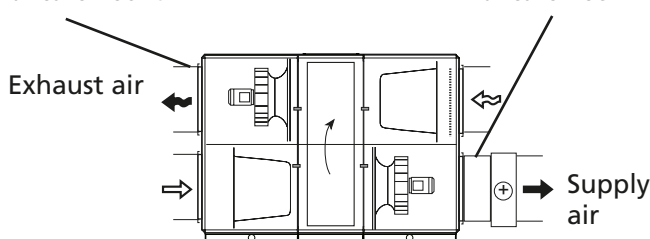
Install the sensor here by the exhaust air regulation function. Connect to the contact marked "SENSOR 4".



### GOLD, supply air fan, right, lower level

Install the sensor here by the exhaust air regulation function. Connect to the contact marked "SENSOR 3".

Install the sensor here by the temperature monitor function. Connect to the contact marked "SENSOR 4".



*Digital temperature sensors require correct polarity. Be careful when you wire the conductors.*

## 4. Technical Data

Enclosure class	IP 34
Range of measurement	-55 °C — +125 °C

## 5. Electrical Connections

Connect the modular connector of the sensor to the control units contacts marked "SENSOR 3" or "SENSOR 4", depending on the required function and direction of airflow, see figure.

The electrical connections should be wired in accordance with local electrical safety regulations.

The temperature sensor is digital and depending on the nature of the installation may be sensitive to external interference. The cable to the temperature sensor must not be run parallel with and near a power cable. If the sensor cable crosses a power cable, it should cross it at a 90° angle.