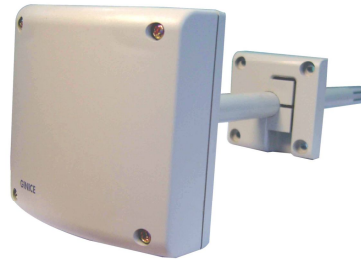# DUCT TEMPERATURE TRANSMITTER (GDTO-105)

Application

"GDTO" Duct Temperature Transmitter is intended for Heating, Ventilating, and Air-Handling Units as follows;

- Supplying or Ventilating air sensing
- Limit Sensor (limiting lowest supplying air temperature)
- Shift Sensor (Revision of inside temperature complying with outside temperature)
- Measuring Sensor (Display sensing point or DDC auto control system)

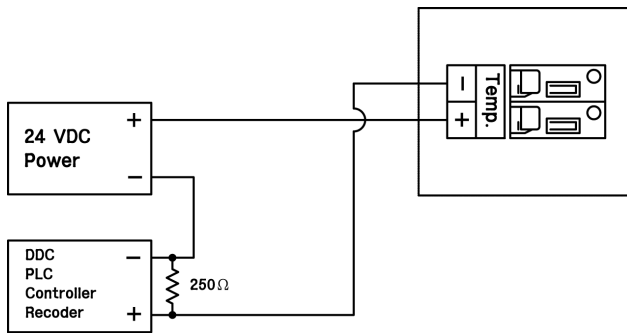## Technical Data

- Supply Voltage   : DC 15~30V
- Output Signal   : Voltage 1 ~ 5VDC
- Range   : ① 0 ~ + 70℃, ② -10 ~ +60℃
                            ③ -30 ~ +80℃
- Accuracy   : ± 0.3°C
- Wiring   : 2 Wire
- Sensing Time   : Approx. 30sec. at 2m/sec Velocity
- Ambient Temperature   : -30 ~ +80℃
- Ambient Humidity   : below 95%Rh
- Cable Fitting   : PF 1/2"
- Protection Class   : IP 54 (EN60529)
- Weight   : 0.19 Kg (w/bracket)

Mounting Guide

- In case of controlling supplying air temperature;
  - In case of installing Fan at behind of the last Air control unit, install behind Fan
  - For other cases, install at least 1.5 meter distance behind from the last air control Unit
- In case of controlling Ventilating air temperature ;
  - Install always at behind of Fan

Wiring Diagram

Dimension

With Bracket   Without Bracket