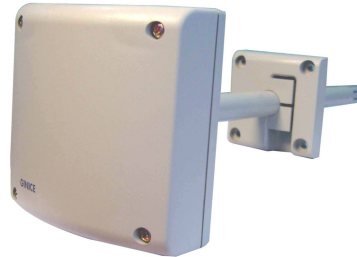


# ROOM TEMP. & HUMIDITY TRANSMITTER

(GDTHO-1420S)



## Description

"GDTHO" Room Temperature & Humidity Transmitter is intended for control transmitter by sensing relative humidity and temperature of room ventilation and air-handling units

Also can be used interface detect transmitter with sensing value display or auto control system of building

## Equipment Combinations

- Pulp, Food warehouse, greenhouse, computer room, R&D room, Hospital etc.
- Use as measuring Transmitter : In case of Optimistic function system

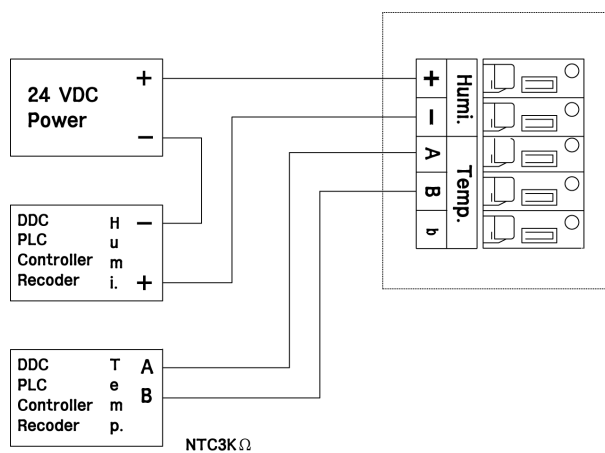
## Technical Data

- SUPPLY VOLTAGE : DC 15~30V
- OUTPUT SIGNAL : 4~20mA
- SENSING RANGE : Temp./-30~+130℃, Humi. /0~100%RH
- SENSING ELEMENT : Integrated Circuit
- ACCURACY : at 25 ℃ Within ±3%, 20~90%RH Within ±3%RH(humidity)
- WIRING : 4Wire
- SENSING TIME : within 30sec.
- AMBIENTTEMPERATURE :  
1) On Operation: -30~+80℃
- AMBIENT HUMIDITY :  
1) On Operation : below 100%RH  
2) On Transportation & Storage : below 95%RH
- PROTECTION CLASS : IP54(EN 60529)
- WEIGHT : 0.31Kg

## Mounting & Installation

- 1) Installation height: Preferably install in the middle of house, building or heating area, and to be installed at least 1.5 meter above from the floor.
- 2) Prohibited Location: Window, door, Ventilating hole, upper place of heat source, and veranda or beneath the eaves of roof.
- 3) To prevent any detecting error from convection of warm, air, cable wire tube of transmitter should be shielded and must not be painted.

## Wiring Diagram



## Dimension

