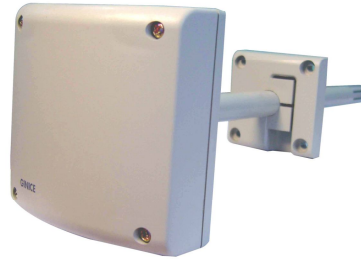# ROOM TEMP. & HUMIDITY TRANSMITTER

(GDTHO-1420 N3K)

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.
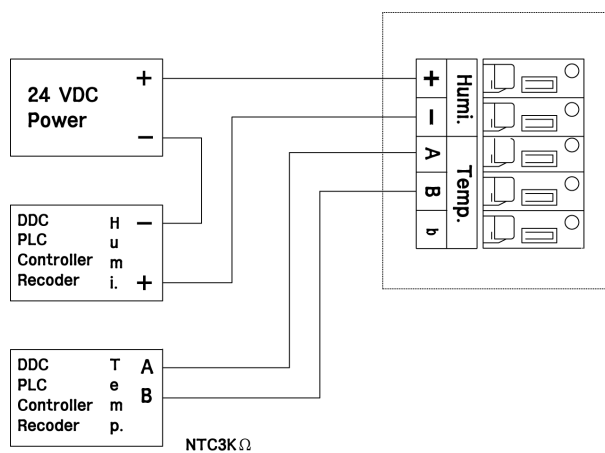- Use as measuring Transmitter : In case of Optimistic function system

Technical Data

- SUPPLY VOLTAGE   : DC 15~30V
- OUTPUT SIGNAL   : Temp. / NTC 3KΩ, Humi./ 4~20mA
- SENSING RANGE   : Temp./-30~+130℃, Humi. /0~100%RH
- SENSING ELEMENT   : NTC 3KΩ / Integrated Circuit
- ACCURACY   : at 10~90%RH Within ±3%RH(humidity)
- WIRING   : 4Wire
- SENSING TIME   : within 20sec.
- AMBIENTTEMPERATURE   :
    1) On Operation: -30~+70℃
- AMBIENT HUMIDITY   :
    1) On Operation : below 100%RH
    2) On Transportation & Storage : below 95%RH
- PROTECTION CLASS   : IP30(EN 60529)
- WEIGHT   : 0.10Kg

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

With Bracket   Without Bracket