

OUTSIDE TEMP. & HUMI. TRANSMITTER

(GOTHO-1420 N3K)



Description

"GOTHO" Outside Air temperature & Humidity Transmitter is intended for controlling Sensor by detecting relative humidity and temperature of outside air for ventilation and air-handling units. This unit can also be used as an Interface detector used with display of sensing value or Auto control system of building.

Application

- Pulp/textile warehouse, greenhouse, computer room, R&D room, Hospital etc.
- Use measuring detector : In case of Optimistic function system.

Technical Data

- SUPPLY VOLTAGE : DC 15~30V
- OUTPUT SIGNAL : Temp. / NTC 3k Ω , Humi. /4~20mA
- SENSING RANGE : Temp. /-30~+80 $^{\circ}$ C, Humi. /0~100%Rh
- SENSING ELEMENT : NTC 3k Ω / Integrated Circuit
- TEMPERATURE CO EFFICIENT : 0.00385 OHMS
- SELF-GENERATING CURRENT : below 2mA (0.02 OHM / 0.05Deg.)
- ACCURACY : at 25 $^{\circ}$ C Within \pm 0.3 $^{\circ}$ C, at 10~90%Rh, within \pm 3%Rh
- WIRING : 4Wire
- SENSING Time: Approx. 20sec.
- AMBIENTTEMPERATURE :
 - 1) On Operation: -35~+80 $^{\circ}$ C
 - 2) On Transportation & Storage : -25 ~ +80 $^{\circ}$ C
- AMBIENT HUMIDITY
 - 1) On Operation : 5 ~ 100%Rh
 - 2) On Transportation & Storage : below 95%Rh

- PROTECTION CLASS : IP30(EN 60529)
- WEIGHT : 0.09Kg

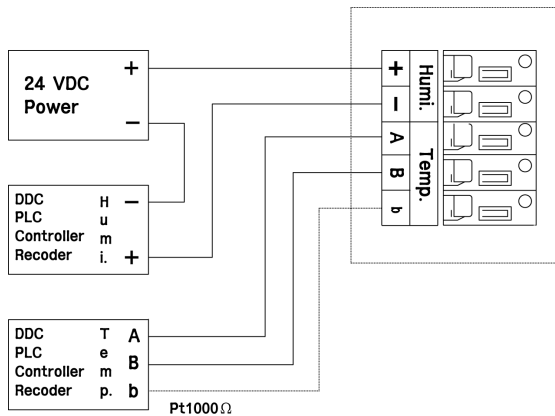
Notes

- Engineering :
 - 1) In case of control: Preferably install on the wall of building or house and keep away from direct light.

Mounting & Notes

- 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 deeding errors from convection of warm, air; cable wire tube of transmitter should be shielded and must not be painted.

Wiring Diagram



Dimension

