OUTSIDE TEMP. & HUMI. TRANSMITTER

(GOTHO-1420S)

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 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   : 4~20mA
- SENSING RANGE   : Temp. /-30~+80℃ C, Humi. /0~100%Rh
- SENSING ELEMENT   : Integrated Circuit
- TEMPERATURE CO EFFICIENT   : 0.00385 OHMS
- SELF-GENERATING CURRENT   : below 2mA (0.02 OHM / 0.05Deg.)
- ACCURACY   : at 25℃ Within ±0.3℃, at 20~90%Rh, within ±3%Rh
- WIRING   : 4Wire
- SENSING Time: Approx. 30sec.
- AMBIENT TEMPERATURE   :
  1) On Operation: -35~+80℃
- AMBIENT HUMIDITY
  1) On Operation : 5 ~ 100%Rh

2) On Transportation & Storage : below 95%Rh
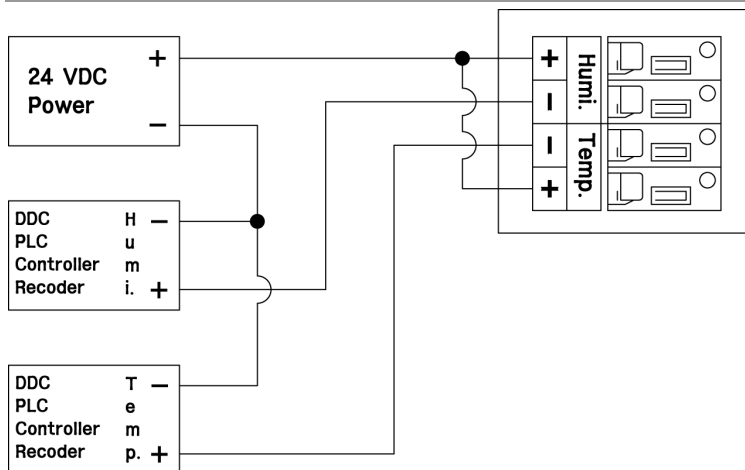- PROTECTION CLASS   : IP54(EN 60529)
- WEIGHT   : 0.17Kg

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