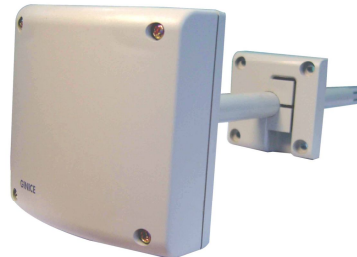


# DUCT HUMIDITY TRANSMITTER (GDHO-420)



## Application

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"GDHO" duct humidity transmitter is intended for ventilation and air-handling unit to the following usages :

- Sensing supplying or ventilating air humidity
- Shift sensor (in case of revising room humidity depend on outside air humidity)
- Measuring sensor (display sensing value or in case of using DDC auto control system)

## Technical Data

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- SUPPLY VOLTAGE : DC 15~30V
- FREQUENCY : 50 or 60Hz
- SENSING ELEMENT : Integrated Circuit
- POWER CONSUMPTION : 0.5VA
- SENSING RANGE : 0 ~ 100%RH
- ACCURACY at 20 °C : at 20~90%RH within  $\pm 3\%$ RH
- OUTPUT SIGNAL : 4~20mA DC
- SENSING TIME : Approx, 20sec (velocity 2m/s)
- AMBIENT TEMPERATURE :
  - 1) On Operation: -5 ~ +50°C
  - 2) On Transportation & Storage: -25 ~ +65°C
- AMBIENT HUMIDITY :
  - 1) On Operation: 5~ 100%RH
  - 2) On Transportation: below 95%RH
- PROTECTION CLASS : IP54
- CABLE FITTING : PF 1/2"
- WEIGHT : 0.25Kg(W/BACKET)

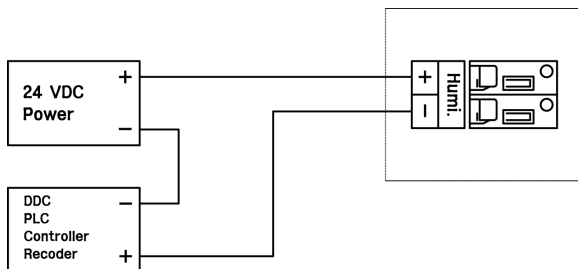
## Mounting Notes

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- In case of controlling supplying air humidity :  
In case of installing fan at the last air control unit, install behind of fan  
For the other cases, install at least 1.5M away from the last air control unit
- In case of controlling ventilating air humidity  
Install always at behind of fan

## Wiring Diagram

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## Dimension

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