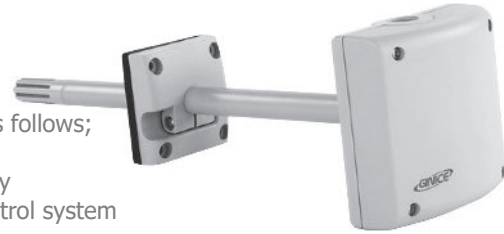


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Duct humidity sensor GDHO-420

Applications

- In the system of ventilation and HVAC, duct humidity sensor is as follows;
- air-supplying or air-distributing humidity sensor
 - shift sensor to adjust room humidity calculating outside humidity
 - measuring sensor to display sensing value or use DDC auto-control system



Technical Data

- Power supply : 15 ~ 30VDC
- Out-put signal : 4 ~ 20mA
- Sensing range : 0 ~ 100%RH
- Precision : $\pm 2\%$ RH at 20 ~ 90%RH
- Wiring : 2wire
- Sensing time : 20sec at 2m/s Velocity
- Ambient temperature : -25 ~ 65°C(in transit)
- Ambient humidity
 - 1) operation : below 5 ~ 100%RH
 - 2) in transit : below 95%RH
- Cable entry gland : PF 1/2"
- Protection : IP65
- Weight : 0.170kg

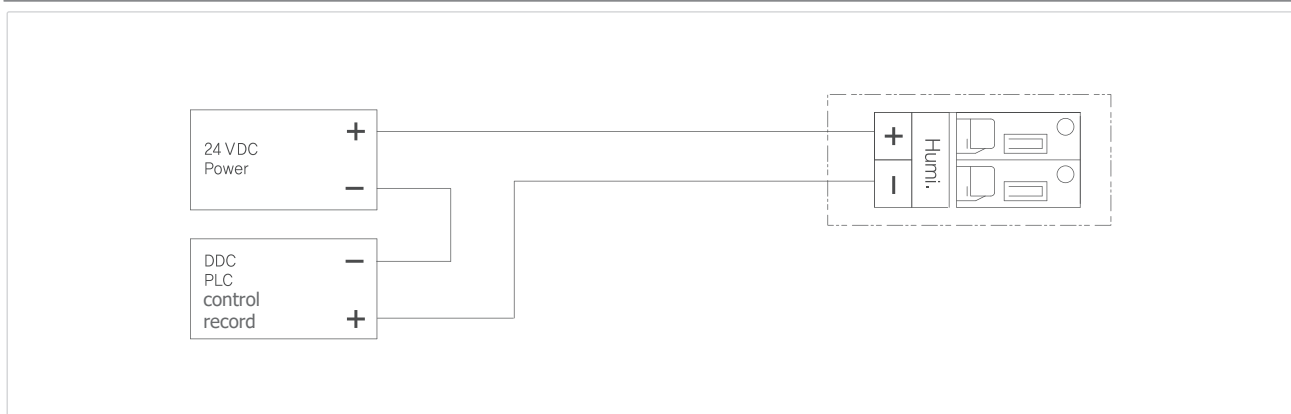
Mounting Notes

- To control air-supply humidity
 - install behind fan in case that fan is located on the back of the last air-control unit
 - for other cases, install at least 0.5m away from the last air-control unit
- To control air-distributing humidity
 - install behind fan in all cases
- Errors to be caused by clogging filter

Filter caps

- Available to remove the dust of metal grid and repair(or replace), by opening filter caps connected at the end of sensor

Wiring diagram



Duct humidity sensor - Shape dimension

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Shape dimension

