# 2-4 Room humidity sensor GRHO-420N

## Application

To be installed in the room for heating, ventilation, HVAC, especially refreshing and combined with control center system.
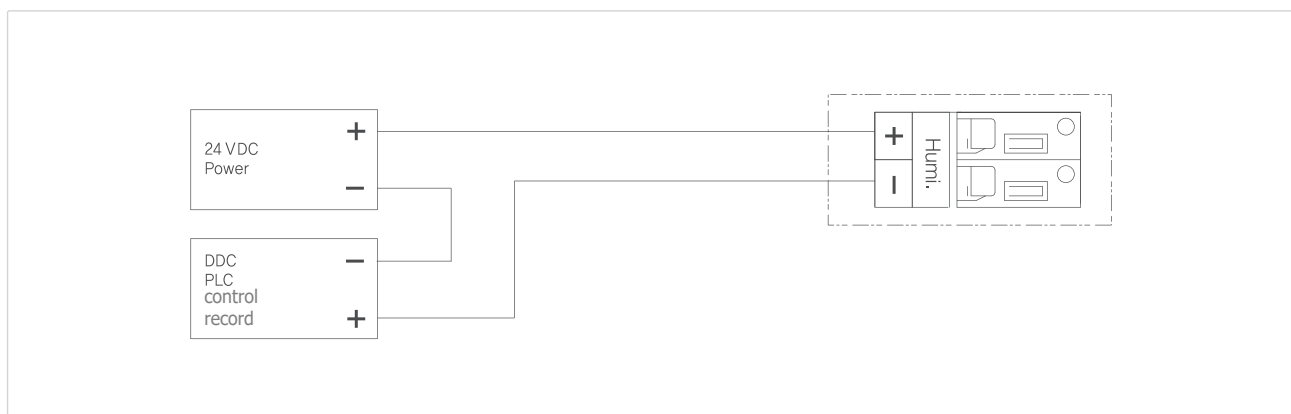
## Technical Data

· Power supply : 15 ~ 30VDC
· Output signal : 4 ~ 20mA
· Range of sensor : 0~100%RH
· Accuracy : ±2%RH at 20~90%RH, 20°C
· Wiring : 2wire
· Time for sensing : Appr. 20sec at 0.15m/sec velocity
· Ambient temperature
  1) in operation : -10 ~ 70°C
  2) in transit and storage : -15 ~ 50°C
· Ambient humidity
  1) in operation : below 100%RH(no condensation)
  2) in transit and storage : below 95%RH
· Protection : IP30(EN60529)
· Weight : 0.08kg

## Mounting Notes

· Location : install on the wall of the space in good air-circulation
· Prohibition : corners, shelfs, behind the curtain, near or opposite to heating equipment
  - Not to be exposed direct sunlight
  - Factory setting, not to be adjusted on-site
· Sealing the end of sensor wire to protect error caused by dust-particles from the cable tube
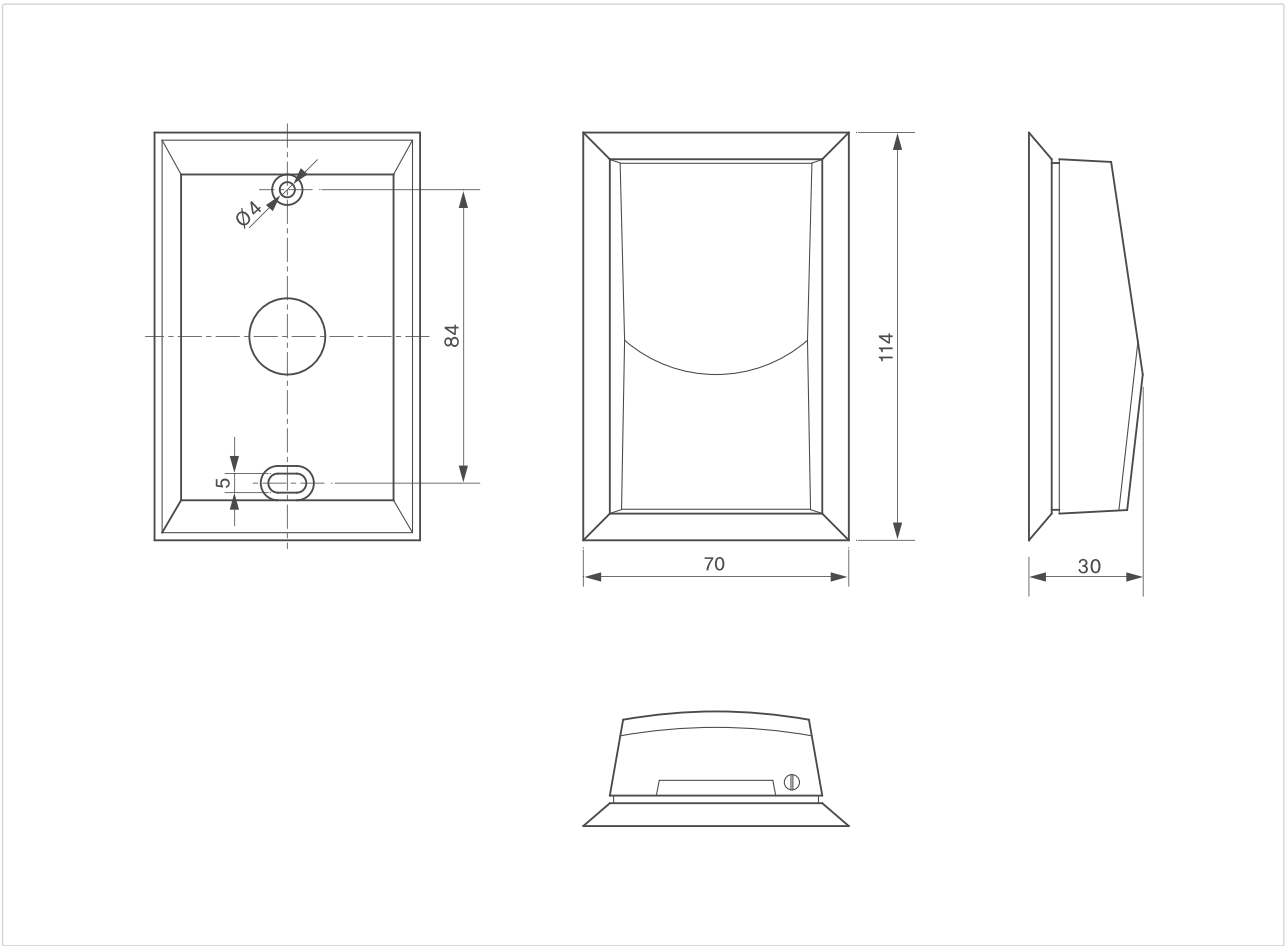
## Wiring Diagram

24 VDC Power + −

DDC PLC control record − +

+ − Humi.

습 도 검 출 기

## Shape dimension - outside air / room humidity sensor

2-1 GOH-420 / GOH-110
2-2 GOHO-420
2-3 GSH-420 / GSH-110
2-4 GRHO-420

### Shape Dimension

습
도
검
출
기