

1-8

Room temperature sensor GRTO-420 / GRTO-105

온도 감지기 & 검출기

Applications

Install into the system of Heating, ventiation, HVAC for especially comfortable place as indoor temperature sensor.
It can be connected with control center system.

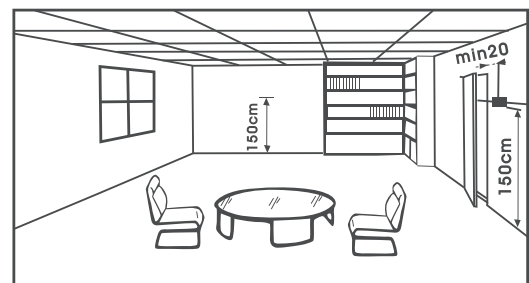


Technical features

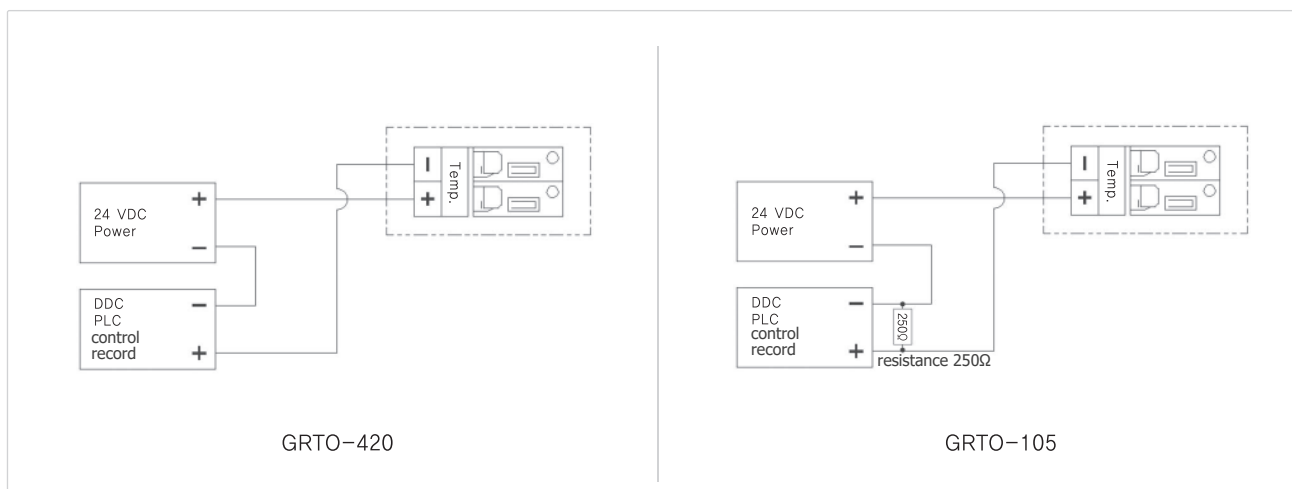
- Power supply : 15 ~ 30VDC
- Out-put signal : 4 ~ 20mA(GRTO-420)/1~5VDC(GRTO-105)
- Sensing range : ① 0 ~ 50°C(standard)
② -10 ~ 70°C(as optional)
- Precision : $\pm 0.3^{\circ}\text{C}$
- Wiring : 2wire
- Sensing time : Appr. 3min at max.
(variable upon Temp. of convection and wall)
- Ambient temp.
 - operation : $-10 \sim 70^{\circ}\text{C}$
 - in transit and storage : $-10 \sim 50^{\circ}\text{C}$
- Ambient humidity
 - operation : below 95%RH
 - in transit and storage : below 85%RH
- Protection : IP30(EN60529)
- Weight : 0.08kg

Notes

- Installation
 - on the wall of the room well in heating and HVAC
(not less than 1.5m high from the floor)
- Installation not-allowed :
 - on the corner or shelf, behind the curtain, near or opposite side of heat-source
 - not to be exposed to direct sunlight
- Assure to seal the cable coming from sensor to prevent sensing-error by warm air convection
- Factory setting : no-adjustment on-site



Wiring diagram



Outside / Room temperature sensor - shape dimension and installation

1-7 GOTO-420 / GOTO-105
1-8 GRTO-420 / GRTO-105

Shape dimension

