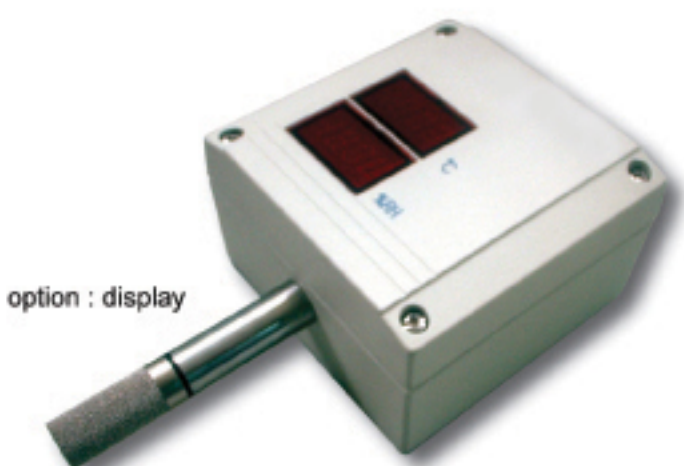


Humidity & Temperature Transmitter

for indoor Applications



Frameless airtight Showcase



option : display

THP20 or THP30

ACCURATE AND RELIABLE MEASUREMENT

The THP-?0 transmitters are designed for use in close control air conditioning applications where accurate and stable measurement and temperature and control of relative humidity and temperature is required. They are the ideal choice for demanding energy management applications.

SPECIAL FEATURES

- THP - ?0 : True two-wire transmitter
- with 4~20mA loop powered output
- Full 0~100%RH measurement
- Excellent long-term stability
- Up to $\pm 2\%$ RH accuracy

APPLICATIONS

- Test room & clean rooms
- Semi-conductor industry
- Air-conditioning engineering
- Food processing industry
- Museum showcase, fine art gallery
- Ever space storage vault system
- Building construction
- Green houses.
- Printing, paper mill
- Film production
- Warehousing. Laboratories

The capacitive humidity sensor has excellent accuracy and long-term stability as well as negligible hysteresis, and high resistance against chemical pollutants. It is also insensitive to dust and most chemicals

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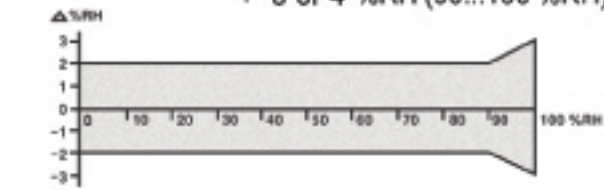


The interaction between people and the environment

TECHNICAL DATA - THP 20 or THP 30

RELATIVE HUMIDITY

Measuring range 0...100 %RH
 Accuracy(at +20°C) ± 2 or 3 %RH (0...90 %RH)
 ± 3 or 4 %RH (90...100 %RH)

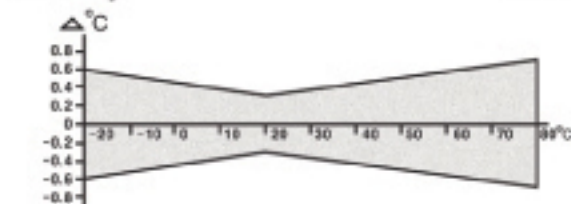


Humidity sensor

Capacitive sensor

TEMPERATURE

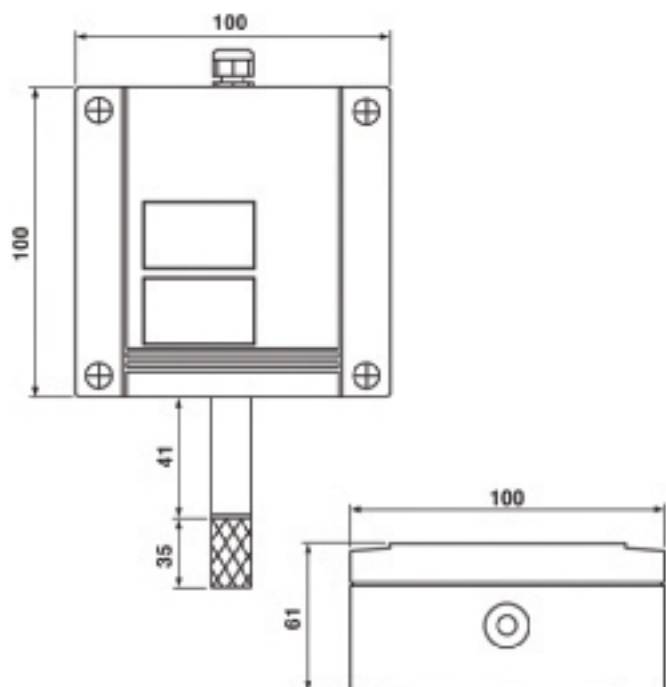
Measuring Range -5~+55°C
 Wall Type -20~+80°C
 Duct. Probe Type
 Accuracy ± 0.3 °C



Temperature Sensor

PT1000 B CLASS
PT1000 A CLASS

DIMENSIONS



GENERAL -

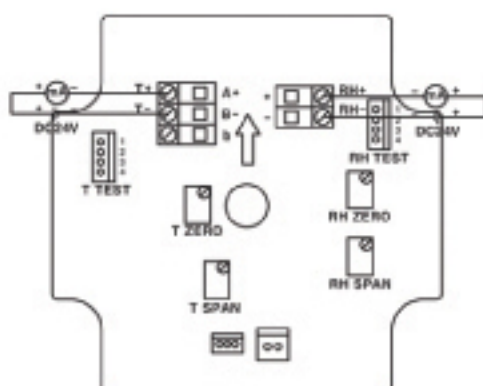
Supply Voltage DC15~38V
 Output Signal 4~20mA
 Housing ABS Plastic (Room Type)
 Aluminum, IP65(Duct. Probe Type)

ORDERING CODE

- THP-20? → D : LED Display
 THP-30? T : Temperature Transmitter 4~20mA
 R : RTD PT100 Ω
- TP-? → R : (RTD, PT 100 Ω, 3-wire)
 - MODEL 선정 - T : (4~20mA, Transmitter)
- THP-20 : 습도(2%) 4~20mA
 THP-20T : 습도(2%) 4~20mA, 온도 4~20mA
 THP-20R : 습도(2%) 4~20mA, 온도 (저항출력)
- THP-30 : 습도(3%) 4~20mA
 THP-30T : 습도(3%) 4~20mA, 온도 4~20mA
 THP-30R : 습도(3%) 4~20mA, 온도 (저항출력)
- TP-T : 온도 4~20mA
 TP-R : 온도 (저항출력)



Wiring



Dimensions in mm



주소 : 경기도 부천시 원미구 도당동 95-2 와이제니스파크 702호
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 E-MAIL : tstec@tstec.kr www.tstec.kr www.temperature.co.kr