



# Temperature / Humidity Transmitter

## TRH-3200

For outdoor use

□ IP65 □ CE □ RoHS

The weather-resistant shelter protects temperature and humidity transmitter for outdoor use.

**TRH-3200** series is specially designed to prevent various difficult climates, ensure rapid response and long-term use since it takes advantage of remarkably convection structure of radiation multi-wing and outdoor climate-bear design. At aspects of installation, disassembly, wiring and adjustment, it's more convenient and speedy than other brands.



### Applications :

Outdoor environmental monitor,  
Green House, Agriculture,  
Weather Data Collection,  
Climate Experiment...etc.



Model No. (Please specify Model No. to order)

**TRH-3201** Temperature Transmitter

**TRH-3202** Humidity Transmitter

**TRH-3203** Temperature and Humidity Transmitter

- Fast, Accuracy and Stable
- Easy for Installation
- Wide Range of Power Supply
- Current or Voltage Output
- Zero and Span Adjustable

### Specifications of TRH-3200

Please advise the specification of \* option based on your individual needs.

<b>Measurement Range *</b>	0 ~ 100% RH 0 ~ 100°C (-20 ~ +80°C, 0 ~ 50°C, -40 ~ +60°C available)
<b>Accuracy (At 25°C)</b>	±2% RH, ±0.3°C (※Power supply = 24VDC)
<b>Long-Term Stability</b>	Better than 1.5% RH per year (Typical)
<b>Temp. Compensation</b>	±0.008% RH / °C (Effect @ 0 %RH)
<b>Response</b>	<30 sec. (90% at +25°C in moving air over 0.5 M/S)
<b>Sensors</b>	Humidity : Thin-film capacitor Temperature : RTD Pt 100Ω IEC 751, DIN43760
<b>Output *</b>	Current output : Humidity : 4 ~ 20 mA Two wire Temperature : 4 ~ 20 mA Two wire Voltage output : 0 to 1V, 0 to 5V, 0 to 10V or 1 to 5V, Selectable ※Other scales possible upon request
<b>Fine Adjustment</b>	Zero and Span adjustable by spare potentiometer
<b>Power Supply</b>	12 ~ 40VDC, >150mA, , Recommended DC24V
<b>Housing / Protection</b>	Outdoor used Applications, Bears the climate and preventing radiant heat
<b>Internal Transmitter</b>	IP65 rated, ABS plastic watertight enclosure
<b>Cable Gland</b>	Liquid-tight nylon, cable Bushing:φ 5-10mm
<b>Ambient Temperature</b>	- 40 ~ +85°C (- 40 ~ +185°F)
<b>Dimensions</b>	210 (L) × 185 (W) × 210 (H) mm
<b>Weight</b>	Approx. 1500g ※Bracket fixing exception
<b>Mounting</b>	Complete set with galvanized steel mounting hardware
<b>Approvals</b>	IP65, CE, RoHS

※Specifications are subject to change without notice.