Temperature / Humidity Transmitter
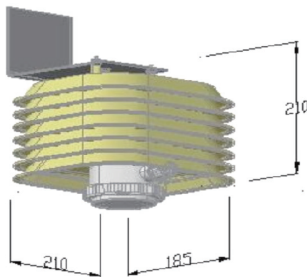
TRH-3200

■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.

◇ Fast, accuracy and stable.
◇ Easy for installation.
◇ Wide range of power supply.
◇ Current or voltage output.
◇ Zero and Span adjustable.

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

Specifications of 3200

Measurement Range	0 ~ 100% RH 0 ~ 100℃ ,(-20 ~ +80℃ , 0 ~ 50℃ ,-40 ~ +60°℃ available)
Accuracy (At 25℃)	±2 % RH, ±0.3℃ (※Power supply = 24VDC)
Long-term stability	Batter than 1.5% RH per year (Typical)
Temp. Compensation	± 0.008%RH/℃ (Effect @ 0 %RH)
Response	<30 seconds (90 % at +25℃ in moving air over 0.5 M/S)
Sensors	Humidity: Thin-film capacitor
	Temperature: RTD Pt 100Ω IEC 751, DIN43760
Output	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.
Fine adjustment	Zero and Span adjustable by spare potentiometer.
Power Supply	12 ~ 40V DC, ＞150 mA
Housing / Protection	Outdoor used Applications, Bears the climate and preventing radiant heat.
Internal transmitter	IP65 rated, ABS plastic watertight enclosure
Cable gland	Liquid-tight nylon, cable Bushing: φ5-10mm
Ambient Temperature	−40 ~ +85℃ (−40 ~ +185°F)
Dimensions	210 (L) × 185 (W) × 210 (H) mm
Weight	Approx. 1500 g ✴ Bracket fixing exception.
Mounting	Complete set with galvanized steel mounting hardware.
Approvals	IP-65；CE；RoHS

※ Specifications are subject to change without notice.