



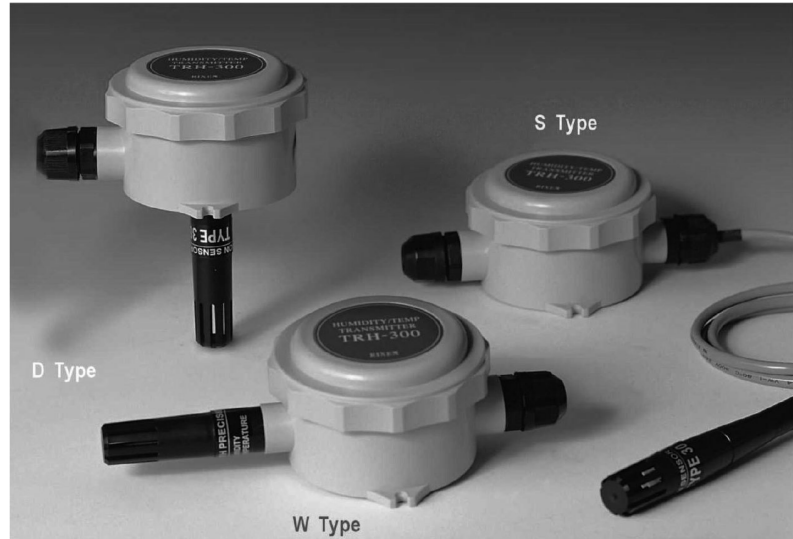
Humidity / Temperature Transmitter TRH-300 series

□ IP65 □ CE □ RoHS

Accurate relative humidity and temperature measurement
(IP65 dust and water proof)
Current or voltage outputs
Available as wall, duct or separated mounting types

Model No :

- TRH-301 Temperature Transmitter
- TRH-302 Humidity Transmitter
- TRH-303 Temp. and Humidity Transmitter



Model : TRH-300DF

1/2" NPT male connection for high Pressure use.

Specifications of TRH-300

Measurement Range	0 ~ 100% RH 0 ~ 100°C (-20 ~ +80°C, 0 ~ 50°C, -40 ~ +60°C available)
Accuracy (At 25°C)	± 2 % RH, ±0.3°C (※Power supply = 24VDC)
Long-term stability	Better than 1% RH per year (Typical)
Temp. Compensation	± 0.008% RH/°C (Effect @ 0 % RH)
Response	<15 seconds (90 % at +25°C 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	ABS plastic watertight enclosure (IP 65)
Cable gland	Liquid-tight nylon, cable Bushing: Ø5-10mm
Ambient Temperature	- 40 ~ +85 °C (- 40 ~ +185°F)
Weight	Approx. 150g

※Specifications are subject to change without notice.