



High Accuracy Temperature Transmitter

TRH-3011

□ IP65 □ CE □ RoHS

Applications : Data collection, Cars, GPS, Greenhouse, Agriculture, Environmental monitoring...etc.

TRH-3011 Rigorous tested with CE certificate. The advanced structural design proofs circuit against wet, dust, dirt, oil and common chemicals ensuring long-term usage. Standing out from other band for it is easy to mount and to use.

- Fast, stable and accurate
- IP65 Watertight and dust-proof enclosure
- Compact size, easy mounting
- 12 ~40Vdc power in
- Current or voltage output
- Built in two point calibration

Temperature probe for TRH-3011

※Extension cable length can be specified

GP-02-PT (STD)



GP-06-PT



GP-02-PS



TRH-3011A Current output Temperature Transmitter

TRH-3011V Voltage output Temperature Transmitter

Specifications of TRH-3011

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

Measurement Range*	-40 ~ +60°C ※Measuring range can be specified within -100~+250°C
Accuracy (at +25°C)	±0.3°C
Response	Approx. 15 sec. (90% at +25°C in moving air at 0.5 M/S)
Element	RTD Pt 100Ω DIN, IEC 751
Extension Probe	GP series probe with water & dust proof ,stainless sensor head ※ length of the extension cable can be specified, Max. 100m
Output*	Current Output (A Type) : 4 to 20mA Two wire Voltage Output (V Type) : Temperature : 0 to 1Vdc, 0 to 5Vdc, 0 to 10Vdc RL>500Ω Non-isolated three-wire type (ground shared)
Power Supply	12 ~ 36 Vdc, > 150mA ※MAX. 40Vdc
Housing	Tightly rotating round ABS enclosure, with waterproof and dust-proof structure (IP65) ※Screws and buckles are unnecessary
Connections	Liquid-tight speedy cable and terminal block, cable bushing:φ5.0 ~ 10 mm cables
Ambient Temperature	-40 ~ +60°C (- 40 ~ +140°F)
Weight	Approx. 150g (sensor excluded)
Dimensions (excluding sensor)	Host box: φ 90 x 54 (H) mm
Mounting	Base with a fixed hole, The distance of fixed hole: 87 mm ± 1 mm
Approvals	IP65, CE, RoHS

※Specifications are subject to change without notice.