

MODEL
MR-THU

TEMPERATURE & HUMIDITY TRANSMITTER / DETECTOR



■ FEATURE

- The highly reliable RTD (Pt100Ω at 0°C) is used as a temperature detecting sensor.
- The humidity sensor (Shinyei) has the properties of superior accuracy and stability.
- Humidity output ampere change is linear with relative humidity (RH)
- Quick responsiveness.
- Low Hysteresis.
- Small and compact design.
- Colorful and beautiful case.

■ ORDER MODEL CODE

MR - THU - 1~4

* Temperature range

* Humidity range

1. Temperature(RTD) Sensor Only
2. Temperature Transmitter Only
3. Temperature Sensor & Humidity Transmitter
4. Temperature & Humidity Transmitter

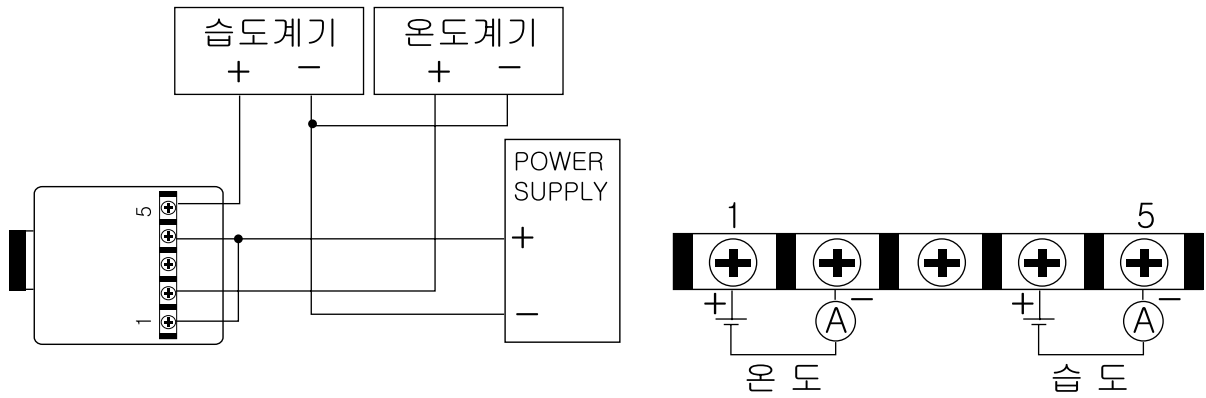
■ SPECIFICATIONS

- Temperature Element
 1. element : Ceramic Type Platinum Resistance temperature detector(RTD) Pt100Ω at 0°C
 2. Accuracy : ±0.2%
 3. Thermal Responsiveness : 1min. or less. (in air current 2.5m/sec.)
 4. Temperature detection range: -200~600°C
 5. Wiring : 0.75sq X 3pair Shield cable
 6. DIN STD (138.5Ω at 100°C)
- Humidity Detection Priorities
 1. Element : High polymer MQ-Hument
 2. Accuracy : ±3%
 3. Humidity detection range : 10~95% RH
 4. power Source/Power consumption : DC24V ±10% / Approx. 3Ma
 7. Humidity responsiveness : 1min. or less. (in air current 2.5m/sec.)
 8. Wiring : 0.75sq X 3pair Shield cable
- Operational Temperature Range : 0~50°C
- Insulation between Terminal and Case : 100MΩ or more / DC1000V
- Case Color / Weight : Pale Yellow / 102 g

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■ CONNECTION DIAGRAM



■ DIMENSION & MOUNTING HOLE (UNIT:MM)

