

Temperature / Humidity Transmitters

KE-100 Series

溫/濕度傳訊器

Features

- Temperature/Humidity/Temperature & Humidity, three options output composite signal transmitter.
- Installation quickly and convenient.
- The feature of shell are Waterproof、Damp-proof、Could bear high temperature.
- Good stability for over a long period of using time.
- Various output signal types to choose.
- High-quality and low price.

General Type:

一般環境通用型

TH-101D

Duct mount Type
管路型

TH-102W

Wall Mount Type
壁掛型

TH-103S

Separated Type
分離型

TH-108

簡易型



Specifications

General Type: (TH-101D / TH-102W / TH-103S)

Sensor (compounding type)	Temperature: PT 100Ω / PT 1000Ω Humidity: The humidity components using precise polymer
Operating the Range	Temperature: 0 ~ 50°C / 0 ~ 100°C Humidity: 0 ~ 100 % RH (Relative humidity)
Accuracy	Temperature: ± 0.15 % Humidity: ± 2 %
Output Signal	Temperature: 4 ~ 20 mA / PT100Ω Humidity: 4 ~ 20 mA (10% to 90%)
Power supply	DC 9 ~ 24V
Length of wire	2M Cable、TH-103S : increase 2M sensor cable
Case	Plastics shell parallel IP65 level (Dust & Waterproof)
Ambient Temperature	Apply the temperature -20 ~ +85 °C
Weight	About 200 g

Specifications

General Type: (TH-108)

Sensor (compounding type)	Temperature: PT 100Ω / PT 1000Ω Humidity: The humidity components using precise polymer
Operating the Range	Temperature: 0 ~ 50°C / 0 ~ 100°C Humidity: 0 ~ 100 % RH (Relative humidity)
Accuracy	Temperature: ± 0.15 % Humidity: ± 3 %
Output Signal	Temperature: PT100Ω Humidity: 0 ~ 3.3 V
Power supply	DC 5V
Length of wire	2M Cable
Ambient Temperature	Apply the temperature -20 ~ +85 °C
Weight	About 150 g

High-Humidity Type:

高濕環境適用型

TH-104H



Short-head Type
短頭型

TH-105L



Gripping Type
握把型

High-Humidity Type: (TH-104H / TH-105L)

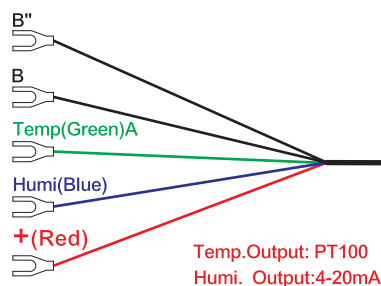
Operating the Range	Temperature: 0 ~ 50°C / 0 ~ 100°C / -25 ~ +85°C Humidity: 0 ~ 100% RH (Relative humidity)
Accuracy	Temperature: ± 0.15 % Humidity: ± 2 % (15% RH to 85% , RH at 23°C)
Output Signal	Temperature: PT100Ω Humidity: 4 ~ 20 mA (10% to 95%)
Power supply	DC 9 ~ 24V
Length of wire	2M Cable
Response Time	Waterproof and high strength plastics Gripping
Ambient Temperature	-20 ~ +85 °C at max. 95% RH non condensing
Weight	TH-104H : 120 g TH-105L : 145 g

Dimensional drawing

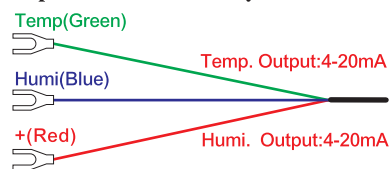
TH-101 Duct mount Type 	TH-102 Wall Mount Type 	TH-103 Separated Type
TH-104H Short-head Type 	TH-105L Gripping Type 	TH-108

Wiring diagram

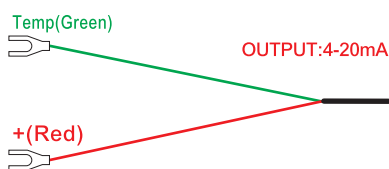
KE-100 Series Temperature & Humidity Transmitter



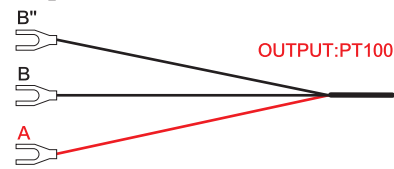
KE-100 Series Temperature & Humidity Transmitter



KE-100 Series Temperature Transmitter



KE-100 Series Temperature Transmitter



KE-100 Series Humidity Transmitter

