

Humidity / Temperature Transmitter

TH-30 Series 4 ~ 20mA and DCV output

Built-in integrated electronics

Available with uniquely \varnothing 6 mm slender probes

Applications:

Process Control Systems, Greenhouses, HVAC, Environmental studies, Warehouse Food processing, Shipping and Storage, Refrigeration, Weather...etc.

Model No. (Please specify Model No. to order)

TH-31 Temperature Transmitter

TH-32 Humidity Transmitter

TH-33 Temp. and Humidity Transmitter



Specifications of TH-30 series

Measuring Range	0 ~ 100% RH (TH-32, TH-33) 0 ~ 100°C, -20 ~ +80°C, 0 ~ 50°C, -50 ~ +50°C, available. (TH-31, TH-33)
Accuracy (At 23°C)	± 3 % RH, ± 0.4°C (*Power supply > 12VDC)
Long-term stability	<2% RH per year (Typical)
Response	>20 seconds (90% at +23°C in moving air over 0.5 M/S)
Sensors	Humidity : Thin-film capacitor Temperature : RTD Pt 100Ω IEC 751, DIN43760
Output	Current output : 4 ~ 20mA two wire Voltage output : 0 to 1V, 0 to 2V, 0 to 5V or 1 to 5V, Selectable
Power Supply	9 ~ 40VDC, >150mA
Type of probes	A Type: \varnothing 6 × L150mm SUS316 Stainless steel B Type: \varnothing 18 × L190mm High density Nylon with dust proof.
Ambient Temperature	-20 ~ +85°C (-4 ~ +185°F)
Weight	A Type: Approx. 70g (without cable) B Type: Approx. 45g (without cable)

※Specifications are subject to change without notice.

Order Instruction:

Model No.	Function	Type of Probe	Connection	Length of Cable
TH-31	Temp. Transmitter	D (General B type, \varnothing 18)	M (sealed cable type)	1 (1M)
TH-32	Humidity Transmitter	S1 (A type, \varnothing 6, L=150mm)	C (separable connector type)	3 (3M)
TH-33	Humi./Temp. Transmitter	S2 (A type, \varnothing 6, L=300mm)	-	10 (10M)
-	-	S3 (A type, \varnothing 6, L=500mm)	-	Selectable Max.50M

【Example】 TH-33-S1-C-3: Humidity / Temperature transmitter, A type probe ,L= 150mm, separable connector type, length of cable: 3M.