

ROTRONIC Humidity-Temperature Transmitters

M1 series

- Accuracy $\pm 2\%$ RH / $\pm 0.3^\circ\text{C}$
- Standard ranges : 0/100% RH, 0/50 $^\circ\text{C}$, 0/100 $^\circ\text{F}$
- 3 configurations : humidity-temperature, humidity or temperature only
- 2 types of case : duct mount and space (wall) mount (small external probe)
- Output 4-20mA 2 wire or current/voltage (0-1, 0-5, 0-10V) 3 wire (M13 only)
- Supply 10..28 Vac (2 wires), 10..35 Vdc or 12..24 Vac (3 wires)

Code	Description	Price
M12D-HT21	Humidity-temperature transmitter, duct mount, output 4-20 mA, 0/50 $^\circ\text{C}$	\$ 688
M12S-HT21	Humidity-temperature transmitter, space mount, output 4-20 mA, 0/50 $^\circ\text{C}$	\$ 640
-HX	Humidity only transmitter, DEDUCT from base price	\$ 144
-XT	Temperature only transmitter, DEDUCT from base price	\$ 192

M2 and M3 series

ROTRONIC HVAC & Industrial transmitters

- M2 series, humidity and temperature
- M3 series, humidity, temperature and dew point

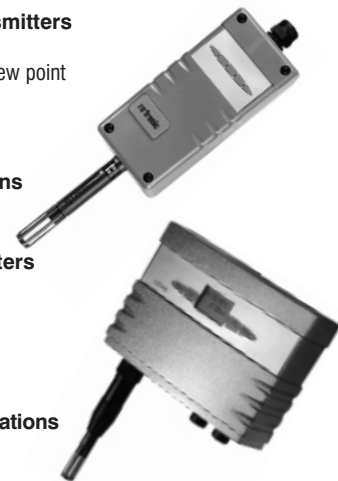
Current or voltage outputs
Optional digital display on case
Accuracy $\pm 1.5\%$ RH
Wall or duct mount configurations

Starting at \$ 816

Hygroflex series Industrial transmitters

Analog or digital outputs
One or two probe inputs
Can be networked
Digital adjustments
Digital display (optional)
Complete psychrometric computations
6 probe models
High temperature application

Starting at \$ 1288



KIMO Humidity-Temperature Transmitters

Sensor-transmitter class 50

- IP30 Case
- Range 0 to 100%RH
- Accuracy : guaranteed accuracy limits $\pm 2.95\%$ from 18 to 28 $^\circ\text{C}$
- RS232 communication for software configuration

Code	Description	Price
HM50-A	Humidity transmitter, output 4-20mA, 18-30Vdc, 2 wire	\$ 230
HM50-V	Humidity transmitter, output 0-10V, 24Vac/dc, 3-4 wire	\$ 230



Sensor-transmitter class 100

- IP65 Case
- With or without 5 digits display (alternates between humidity and temperature)
- Range 0-100%RH, 0 to +50 $^\circ\text{C}$ (adjustable range, standard model or -20 to +80 $^\circ\text{C}$ (adjustable range for duct or remote models), -50 to +50 $^\circ\text{C}$, 0 to +100 $^\circ\text{C}$; $^\circ\text{C}$ or $^\circ\text{F}$)
- Adjustable ranges via software or micro-switches
- Output 4-20mA or 0-10Vdc, supply 24Vac/dc (2-3-4 wire)
- Accuracy $\pm 2.95\%$ between 18 and 28 $^\circ\text{C}$ and $\pm 1\%$ of reading $\pm 0.4^\circ\text{C}$ from 5 to 80 $^\circ\text{C}$; $\pm 2\%$ of reading from -20 to 5 $^\circ\text{C}$

Supply/output

V : 24 Vac/dc 0-10 V	\$ 310
A : 18..30 Vdc 4-20 mA	\$ 310

Display

O : with display	\$ 50
N : without display	\$ 0

Probe

S : standard	\$ 10
A : duct mount	\$ 10
D : remote (2m)	\$ 0

TH100 -

Sensor-transmitter class 200 and 300

- ABS IP65 case (or ALU optional for class 300)
- With or without back-lit display, can display up to 2 parameters at the same time (4 for the class 300).
- Ranges from 0 to 100%RH, -20 to +120 $^\circ\text{C}$ (polycarbonate) and -40 to +180 $^\circ\text{C}$ (stainless); $^\circ\text{C}$ or $^\circ\text{F}$
- Interchangeable probes
- Functions : relative and absolute humidity, dew point, wet and dry bulb temperature, enthalpy
- Accuracy : guaranteed accuracy limits $\pm 2.58\%$ between 18 and 28 $^\circ\text{C}$; $\pm 0.5\%$ of reading $\pm 0.3^\circ\text{C}$
- Programmable range via keypad or software
- 2 outputs 4-20mA or 0-10Vcc (4 fils), RS232, 2 relays 6A/230Vac
- 2 audible and visual alarms
- Communication RS 485 Modbus (class 300 only - option)
- External transmitter inputs KIMO class 200 and 300 (class 300 only - option)



Remote probe

Prices on request, starting at \$ 540

Supply/output

B : 24Vac/dc 0-10V or 4-20mA
M : 115Vac 0-10V or 4-20mA

Display

O : with display
N : without display

Probe

P : polycarbonate
I : stainless steel

Mounting

S : standard
D : remote (2m)

TH200

Probe length

100 mm (S)
150 mm (D)
300 mm (D)

TH200 - /STH-

Case

P : ABS
A : ALU

Supply/output

B : 24Vac/dc 0-10V or 4-20mA
M : 115Vac 0-10V or 4-20mA

Display

O : with display
N : without display

Probe

P : polycarbonate
I : stainless steel

Mounting

S : standard
D : remote (2m)

TH300

Probe length

100 mm (S)
150 mm (D)
300 mm (D)

TH300 - /STH-

Code	Description	Price
RS4	RS485 output, Modbus protocol, for class 300	\$ 130
LCC-100	Calibration software for monostats and 50/100 class with manual and RS232 cable.	\$ 100
LCC-300	Calibration software for monostats and 200/300 class with manual and RS232 cable	\$ 100