



Humidity Sensors

Room/Duct Mounted

To monitor humidity in rooms or ducts and switch extract fans, alarms, humidifiers or de-humidifiers etc in the event of high or low humidity level. any combination of humidifying or de-humidifying is possible.

EHR... & EHD Series

Mounting Type	Stages	Range \pm RH	Output Amps	Rating	Part No.	Price Each
Room	1	30/100	15A	IP30	EHR-1	£37.00
	2	30/100	2 x 15A	IP30	EHR-2	£58.00
Duct	1	30/100	15A	IP54	EHD-1	£61.00
	2	30/100	2 x 15A	IP65	EHD-1W	£66.00
					EHD-2	£96.00

Humidity & Temperature Transmitters

These products can be used to detect a mixture of pollutant gases in the air i.e. cigarette smoke, odours and other gases generally found within clubs, pubs, restaurants, kitchens, smoking areas etc. The 0-10vdc linear output signal is proportional to the contamination level produced and can be used to control fresh air dampers or fans etc. A solid state element is used to sense contaminant gases..

EHRT... & EHDT Series

Mounting Type	Range	Range \pm RH	Output Signal	Rating	Part No.	Price Each
Room	-	0/100	0-10VDC	IP30	EHRT-1	£82.00
	-	0/100	4-20mA loop	IP30	EHRT-3	£82.00
	-10 to +50	0/100	2 x 0-10VDC	IP30	EHRT-4	£94.00
			2 x 4-20A loop	IP30	EHRT-5	£98.00
Duct	-	0/100	0-10VDC	IP65	EHDT-6	£94.00
	-	0/100	4-20mA loop	IP65	EHDT-7	£94.00
	-10 to +50	0/100	2 x 0-10VDC	IP65	EHDT-8	£104.00
	-10 to +50	0/100	2 x 4-20A loop	IP65	EHDT-9	£111.00
Accessory						
Radiation / weather shield for EHDT to protect from direct sunlight/weather conditions					EE-RAD	£158.00



Humidity-Temperature Sensors

Outside Mounted

The RH-OS Outside Mounted Humidity and Temperature Sensors offer the latest technology for high accuracy RH measurement. Units can be ordered with an optional direct resistive temperature output (where this option is required, the type of temperature element MUST be specified at the time of ordering). The RH-OS01 is also available with additional outputs for enthalpy and dewpoint (RH-OS01/EN). Non-standard temperature output ranges can be specified at time of order.

Features

- High stability and reliability
- Two part terminals for ease of connection
- No loss of accuracy up to 100% RH
- Built-in circuitry diagnostics

RH-SH Series

Type	Stage Type	Description	Part No.	Price Each
Room Humidistats	Single	Concealed setpoint	RH-SH-1R	£41.50
		Exposed setpoint	RH-SH-1RE	£46.00
Duct Humidistats	Two	Concealed setpoint	RH-SH-2R	£46.00
		RH & T Transmitter	RH-SH-1D	£88.25
	Single	Exposed setpoint	RH-SH-1DE	£87.25
		Concealed setpoint	RH-SH-2D	£87.25
	Two	Exposed setpoint	RH-SH-2DE	£147.00

Duct Mounted

The RH-DT Duct Mounted Humidity and Temperature Sensors offer the latest technology for high accuracy RH measurement. Units can be ordered with an optional direct resistive temperature output (where this option is required, the type of temperature element MUST be specified at the time of ordering). The RH-DT01 is also available with additional outputs for enthalpy and dewpoint (RH-DT01/EN). Non-standard temperature output ranges can be specified at time of order.

Features

- High stability and reliability
- Two part terminals for ease of connection
- No loss of accuracy up to 100% RH
- Built-in circuitry diagnostics

RH-DT Series

RH Accuracy	Description	Part No.	Price Each
\pm 2%	RH & T High accuracy Transmitter	RH-DT01	£124.00
	Direct resistive temperature output	RH-DT01T	£133.25
	Enthalpy & dewpoint outputs	RH-DT01EN	£194.00
	Custom Temperature Output	RH-DT01TR	£133.25
\pm 3%	RH & T Transmitter	RH-DT02	£105.75
	Direct resistive temperature output	RH-DT02T	£115.00
	Custom Temperature Output	RH-DT02TR	£115.00

Accessory

Radiation shield for RH-D01...D02	RH-RS	£160.75
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T versions use a thermistor element for direct measurement of temperature. Please specify thermistor type when ordering.





Outside Air RH & T Sensors

The RH-OS Outside Mounted Humidity and Temperature Sensors offer the latest technology for high accuracy RH measurement. Units can be ordered with an optional direct resistive temperature output (where this option is required, the type of temperature element MUST be specified at the time of ordering). The RH-OS01 is also available with additional outputs for enthalpy and dewpoint (RH-OS01/EN). Non-standard temperature output ranges can be specified at time of order.

Features

- High stability and reliability
- Two part terminals for ease of connection
- No loss of accuracy up to 100% RH
- Built-in circuitry diagnostics

RH-OS Series

RH Accuracy	Description	Part No.	Price Each
± 2%	RH & T High accuracy Transmitter	RH-OS01	£266.50
	Direct resistive temperature output	RH-OS01T	£275.75
	Enthalpy & dewpoint outputs	RH-OS01EN	£336.50
	Custom Temperature Output	RH-OS01TR	£275.75
± 3%	RH & T Transmitter	RH-OS02	£248.00
	Direct resistive temperature output	RH-OS02T	£257.25
	Custom Temperature Output	RH-OS02TR	£257.25

T versions use a thermistor element for direct measurement of temperature. Please specify thermistor type when ordering.

Space Mount RH & T Sensors

The RH-SP Space Mounted Humidity and Temperature Sensors offer the latest technology for high accuracy RH measurement. Units can be ordered with an optional direct resistive temperature output (where this option is required, the type of temperature element MUST be specified at the time of ordering), and integral LCD display for temperature and RH. The RH-SP01 is also available with additional outputs for enthalpy and dewpoint (RH-SP01/EN). Non-standard temperature output ranges can be specified at time of order.

Features

- High stability and reliability
- Two part terminals for ease of connection
- No loss of accuracy up to 100% RH
- Built-in circuitry diagnostics
- Three line fully configurable LCD display option

RH-SP Series

RH Accuracy	Description	Part No.	Price Each
± 2%	RH & T High accuracy Transmitter	RH-SP01	£110.25
	Direct resistive temperature output	RH-SP01T	£119.50
	Enthalpy & dewpoint outputs	RH-SP01EN	£180.25
	Integral LCD for RH & Temp.	RH-SP01LCD	£183.75
	Custom Temperature Output	RH-SP01TR	£119.50
± 3%	RH & T Transmitter	RH-SP02	£92.00
	Direct resistive temperature output	RH-SP02T	£101.25
	Integral LCD for RH & Temp.	RH-SP01LCD	£165.50
	Custom Temperature Output	RH-SP02TR	£101.25

Wall Mount RH & T Sensors

The RH-WL wall mounted humidity and temperature sensors offer the latest technology for high accuracy RH measurement. Units can be ordered with an optional direct resistive temperature output (where this option is required, the type of temperature element MUST be specified at the time of ordering). The RH-WL01 is also available with additional outputs for enthalpy and dewpoint (RH-WL01/EN). Non-standard temperature output ranges can be specified at time of order.

Features

- High stability and reliability
- Two part terminals for ease of connection
- No loss of accuracy up to 100% RH
- Built-in circuitry diagnostics

RH-WL Series

RH Accuracy	Description	Part No.	Price Each
± 2%	RH & T High accuracy Transmitter	RH-WL01	£124.00
	Direct resistive temperature output	RH-WL01T	£133.25
	Enthalpy & dewpoint outputs	RH-WL01EN	£194.00
	Custom Temperature Output	RH-WL01TR	£133.25
± 3%	RH & T Transmitter	RH-WL02	£105.75
	Direct resistive temperature output	RH-WL02T	£115.00
	Custom Temperature Output	RH-WL02TR	£115.00

T versions use a thermistor element for direct measurement of temperature. Please specify thermistor type when ordering.

Humidity & Combined Temperature Sensors

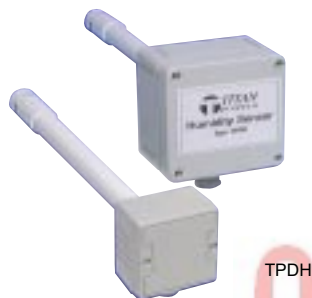
Specifications

Output: 4-20mA or 0-10V (Thermistor option for temperature sensor)
 Range: 0 to 100% RH / 0-50°C Temperature
 Accuracy: +/- 2% RH and +/- 0.3°C Temperature (@ 25°C between 30 to 70% RH)

TP Series

Type	Range	Part No.	Price Each
Room Humidity Sensor	4-20mA signal 24 volts DC supply (2 wire)	TPRH	£76.00
	0-10 volts 24 volts AC/DC supply (3 wire)	TPVRH	£76.00
Room Temp (Thermistor) & Humidity Sensor	4-20mA 24 volts DC supply (2+2 wire)	* TPRH-RT	£85.00
	0-10V, 24v AC/DC (3+2 wire)	* TPVRH-RT	£85.00
Room Temp & Humidity Sensor	4-20mA loop powered 24 volts DC supply (2+2 wire)	TPRH/LP	£90.00
	0-10V signal only, 24v AC/DC (4 wire)	TPVRH	£90.00
Duct Humidity Sensor	4-20mA signal 24 volts DC supply (2 wire)	TPDH	£90.00
	0-10 volts signal 24 volts AC/DC supply (3 wire)	TPVDH	£90.00
Duct Temp (Thermistor) & Humidity Sensor	4-20mA 24 volts DC (2+2 wire)	* TPDH-RT	£95.00
	4-20mA loop powered 24 volts DC (2+2 wire)	TPDH/LP	£100.00
Duct Temp & Humidity Sensor	0-10V signal only 24v AC/DC (4 wire)	TPVDHT	£100.00
	4-20mA signal 24 volts DC supply (2 wire)	TPOH	£90.00
Outside Humidity Sensor	0-10 volts signal only 24 volts AC/DC supply (3 wire)	TPVOH	£90.00
Outside Temp (Thermistor) & Humidity Sensor	4-20mA 24 volts DC (2+2 wire)	* TPOH-RT	£95.00
Outside Temp & Humidity Sensor	4-20mA loop powered 24 volts DC (2+2 wire)	TPOH/LP	£100.00

*Note:- For Temperature Thermistor Element state type required.



TPDH