



# Humidity/Temperature transmitters

## Room humidity transmitter



Transmitter for measuring relative humidity and temperature.  
Intended for wall mounting.

- Good longterm stability
- Resistent to contamination

Technical Data	
Output signal	0...10 V or 4...20 mA *
Supply voltage	24 V AC/DC (0...10 V output signal) , 24 V DC (4...20 mA output signal)
Working range	Humidity: 10...90%RH, Temperature: 0...50°C
Accuracy humidity	+/- 4% RH
Accuracy temp	+/-0,8 K
Mounting	Wall-mounting
Protection class	IP20

\* 4...20 mA output signal only at DC supply voltage (two-wire).

Description	Type	Leaflet
Humidity transmitter, 0...10 V	HRT	6-200
Humidity transmitter, 4...20 mA	HRT-420	
Combined humidity and temperature transmitter, 0...10 V	HTRT	
Combined humidity and temperature transmitter, 4...20 mA	HTRT-420	

## Wall humidity transmitter



Transmitter for measuring relative humidity and temperature.

- Protection class IP65
- Resistent to contamination

Technical Data	
Output	0...10 V or 4...20 mA *
Working range	Humidity: 20...95%RH, Temperature: 0... +50°C
Accuracy/humidity	+/- 3%RH (40...60% RH) otherwise +/- 5% RH
Accuracy/temperature	+/-0.8 K
Supply voltage	24 V AC / 20...35 V DC
Mounting	Wall-mounting
Protection class	IP65

\* 4...20 mA output signal only at DC supply voltage (two-wire).

Description	Type	Leaflet
Humidity transmitter, 0...10 V	HRT350	6-200
Humidity transmitter, 4...20mA	HRT350-420	
Combined humidity and temperature transmitter, 0...10 V	HTRT350	
Combined humidity and temperature transmitter, 4...20 mA	HTRT350-420	



## Wall humidity transmitter



Transmitter for measuring relative humidity and temperature.

- +/-2% accuracy
- Resistant to contamination

Technical Data	
Output	0...10 V or 4...20 mA *
Working range	Humidity: 0...100%RH, Temperature: -20...+80°C
Accuracy/humidity	+/- 2%RH, (+/- 3% 90...100%RH)
Accuracy/temperature	+/-0.4
Supply voltage	24 V AC / 20...35 V DC
Mounting	Wall-mounting
Protection class	IP65

\* 4...20 mA output signal only at DC supply voltage (two-wire).

Description	Type	Leaflet
Humidity transmitter, 0...10 V	HRT250	6-250
Humidity transmitter, 4...20mA	HRT250-420	
Combined humidity and temperature transmitter, 0...10 V	HTRT250	
Combined humidity and temperature transmitter, 4...20 mA	HTRT250-420	

Accessories	Type	Leaflet
Certificate of calibration for HRT250 models, when certified calibration is demanded. Must be ordered with new transmitter.	CCERT-E	

## Duct humidity transmitter



Transmitter for measuring relative humidity and temperature.

- +/-2% accuracy
- Resistant to contamination

Technical Data	
Output	0...10 V or 4...20 mA *
Working range	Humidity: 0...100%RH, Temperature: -20...+80°C
Accuracy/humidity	+/- 2%RH (+/- 3% RH 90...100% RH)
Accuracy/temperature	+/-0.4 K
Supply voltage	24 V AC/DC
Insertion length	60...230 mm, adjustable
Mounting	Duct-mounting
Protection class	IP65

\* 4...20 mA output signal only at DC supply voltage (two-wire).

Description	Type	Leaflet
Humidity transmitter, 0...10 V	HDT2200	6-400
Humidity transmitter, 4...20mA	HDT2200-420	
Combined humidity and temperature transmitter, 0...10 V	HTDT2200	
Combined humidity and temperature transmitter, 4...20 mA	HTDT2200-420	

Accessories	Type	Leaflet
Certificate of calibration for HDT2200 models, when certified calibration is demanded. Must be ordered with new transmitter.	CCERT-E	