

# Humidity



## Characteristics

<b>System</b>	Capacitive humidity measurement, temperature measurement via Pt100/Pt1000 Sensor
<b>Evaluation</b>	Integrated transmitter with output for standard signals
<b>Indicator</b>	LCD-display
<b>Mounting mode</b>	Field case, duct shape, rod shape

## Applications

- Indoor climate monitoring
- Cool- and stockrooms
- Greenhouses
- Food applications

## Product information

## Humidity

### Function

The GHTU and RF90 are used for long-term monitoring, monitoring room air conditioning and the monitoring of warehouses. They are offered with 1.5 m connection cables, plastic connection casing or with sturdy aluminium connection head and screw terminals to measure the relative humidity and temperatures in non-aggressive gases.  
 Due to the sturdy surface-mounted casing, the measuring transducers are particularly suitable for use in industry.

### Advanta

+e

- Compact Design
- integrated LCD display
- Device for high humidity recommended measuring range 5..95% r.h
- Accessories for high humidity and outdoor applications

## Device overview

Device	Measuring ranges	Model	Output	Page
<b>GHTU</b>	0..100 % r.h. -40.0..+100 °C	Wall mounting, duct mounting	4..20 mA, 0..1 V DC, 0..10 V DC	3
<b>RF90</b>	0..100 % r.h. -30..+70 °C	Wall mounting, duct mounting	4..20 mA, 0..10 V DC	5

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