



## Humidity & Temperature Transmitter for HVAC Applications



### GHD-20



#### PRODUCT DESCRIPTION

The GHD-20 transmitters are designed for use in close control air conditioning applications where accurate and stable measurement and control of relative humidity and temperature are required. They are the ideal choice for demanding energy management applications.

#### SPECIAL FEATURES

- GHD-20 : True two-wire transmitter
- with 4~20mA loop powered output
- Full 0~100%RH measurement
- Excellent long-term stability
- Up to  $\pm 2\%$  RH accuracy

#### APPLICATIONS

- Test room & clean rooms
- Semi-conductor industry
- Air-conditioning engineering
- Food processing industry
- Museum showcase, fine art gallery
- Ever space storage vault system
- Building construction
- Green houses.
- Pirnting, paper mill
- Film production
- Warehousing. Laboratories

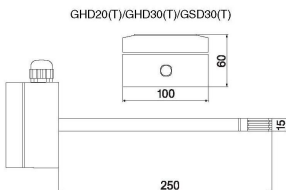
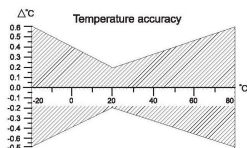
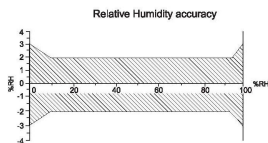


It is important for the quality of human life and industrial productivity to measure humidity and temperature.

# Humidity & Temperature Transmitters

## Specification

GHD 20(R/T)	
<b>Relative humidity</b>	
Humidity sensor	Capacitive Type
Working range	0...100% RH
Accuracy	±2% RH (10...95% RH)
Response time with filter	< 15s
<b>Temperature sensor(T type only)</b>	
Temperature sensor	PT 1000 RTD class A (T Type) PT 100 RTD 1/3 class B (R Type)
Working range	-20...80 °C (Duct, Lead)
Accuracy	±0.2°C(at 20 °C)



Analog output		General	
Humidity output	4...20mA (0...100%RH)	Supply voltage	DC 10...35 V (RL< 500.Ω)
Temperature output	4...20mA (T Type only, 2 Wires)		
	Pt 100.Ω (R Type only, 3 Wires)	storage Temperature range	-40...+110°C

## Order form

### HUMIDITY & TEMPERATURE TRANSMITTERS

Model code : G   - 20 / 30

G			
<input checked="" type="checkbox"/>	H	Humidity output : 4-20 mA	
	S	Serial output : RS-232C, RS-485	
	-	Only temperature measurement	
<input type="checkbox"/>	W	Wall type	
	D	Duct type	
	P	Probe type	
<input checked="" type="checkbox"/>	20	H	2 %RH, 4 ~ 20 mA
		T	PT 1000 RTD class A, 4 ~ 20 mA
		R	PT 100 RTD 1/3 class B (special : PT 1000.Ω)
	30	H	3 %RH, 4 ~ 20 mA
		T	PT 1000 RTD 1/3 class B, 4 ~ 20 mA
		R	PT 100 RTD 1/3 class B (special : PT 1000.Ω)
<input checked="" type="checkbox"/>	D	LED display	
	L	Lead type	