

Humidity & Temperature Transmitter for HVAC Applications



GHW-30



PRODUCT DESCRIPTION

The GHW-30 transmitters are designed for indoor applications such as HVAC in building energy management systems and residential.

They combine excellent stability with easy installation and reliable operation. They are the ideal choice for demanding energy management applications.

SPECIAL FEATURES

- GHW-30 : True two-wire transmitter
- with 4~20mA loop powered output
- Full 20~95%RH measurement
- Excellent long-term stability
- Up to $\pm 3\%$ RH accuracy

APPLICATIONS

- HVAC / EMC applications
- Air-conditioning engineering
- Food processing industry
- Museum showcase, fine art gallery
- Ever space storage vault system
- Building construction
- Warehousing. Laboratories

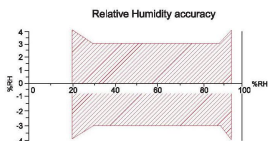


The resistance humidity sensors are competitively priced and required no routine maintenance. It is suitable for the general industrial areas required humidity and temperature management.

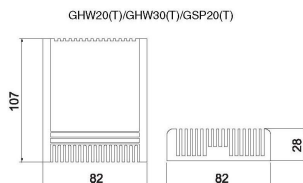
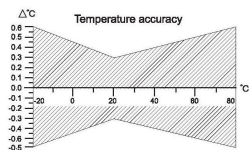
Humidity & Temperature Transmitters

Specification

GHW 30(R/T)	
Relative humidity	
Humidity sensor	Resistance Type
Working range	20...95% RH
Accuracy	±3% RH (20...90% RH)



Response time with filter	< 60s
Temperature sensor(T type only)	
Temperature sensor	PT 1000 RTD class B (T Type) PT 100 RTD class B (R Type)
Working range	0...+50 °C (Wall, Probe)
Accuracy	+/-0.3°C(at 20 °C)



Analog output		General	
Humidity output	4...20mA (0...100%RH)	Supply voltage	DC 10...35 V (RL< 500Ω)
Temperature output	4...20mA (T Type only, 2 Wires)		
	Pt 100Ω (R Type only, 3 Wires)	storage Temperature range	-30...+85°C

Order form

HUMIDITY & TEMPERATURE TRANSMITTERS

Model code : G - 20 / 30

G			
<input 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 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 1000Ω)
	30	H	3 %RH, 4 ~ 20 mA
T		PT 1000 RTD class B, 4 ~ 20 mA	
R		PT 100 RTD class B (special : PT 1000Ω)	
<input type="checkbox"/>	D	LED display	
	L	Lead type	