



Temperature & Humidity Transmitter Module

Linear voltage output

Linear current output

Model RHU-330 series

RHU-330 is the best Transmitter Module for measurement of temperature and humidity. This Module offers you low cost and high accuracy with an input voltage range from 12 to 24 VDC. You can select the output of the Transmitter Module as Voltage or Current type. This Transmitter Module is designed to be compact and can be used in various equipment and appliances.

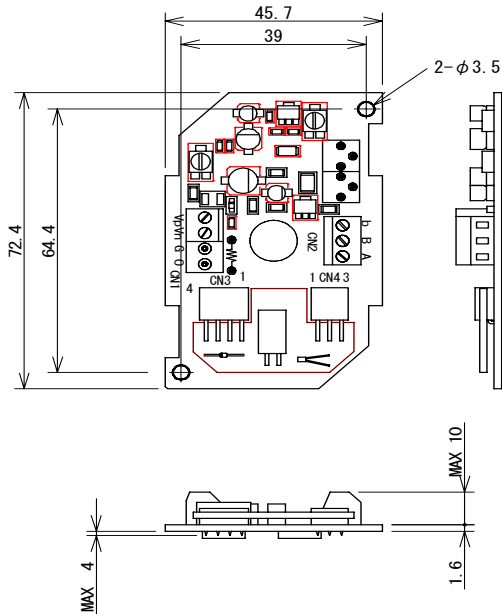
Characteristics

Model	Humidity Output only	Temperature and Humidity Output
Voltage output model	RHU-330V12 (0-5VDC) RHU-330V22 (0-10VDC) RHU-330V72 (1-5VDC)	RHU-330V13 (0-5VDC) RHU-330V23 (0-10VDC) RHU-330V73 (1-5VDC)
Current output model	RHU-330I62 (4-20mA)	RHU-330I63 (4-20mA)
Humidity Sensor	Shinyei Humidity Sensor HPR-MQ	
Temperature Sensor	N/A	PT 100 Ohm
Input Voltage	12 to 24 VDC	
Operating Temperature Range	0 to 60deg. C	
Operating Humidity Range	99%rh or less, non-condensation (Sensor) 95%rh or less, non-condensation (Electronics)	
Humidity Output	0-5VDC, 0-10VDC, 1-5VDC or 4 to 20mA *Linear output for 0 to 100%rh full scale	
Humidity Measurement Accuracy	Standard: +/-3%rh (at 25deg. C, from 35%rh to 85%rh) Option: +/-2%rh (at 25deg. C, from 35%rh to 85%rh)	
Temperature Output	N/A	Resistance Output
Temperature Sensing - Accuracy	N/A	+/-0.3deg. C (at 25deg. C)

Specification sheet of RHU-330 series February, 2006 (Page 2 of 2)

Configuration

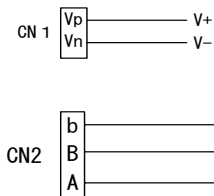
(Unit : mm)



Model : RHU-330IST0

◇Connections

(2 wires Current output)



Connections

1) Voltage output type		2) Current output type	
Humidity output		Humidity output	
Vp	(+)Supply	Vp	(+)
Vn	(-)Supply	Vn	(-)
G	(-)Output	2 wires, loop powered	
0	(+)Output		
Pt100 Ohm Resistance output			
b	(B)Output	b	(B)Output
B	(B)Output	B	(B)Output
A	(A)Output	A	(A)Output

Remark; We have the right to revise specifications and product configurations without notice.

Other supply voltage / output voltage available upon request.



! Avoid condensation and drenching.

! Avoid application of the Humidity Sensor in the salt, inorganic gases and organic gases.



Contact :

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