Specification sheet of THT-N series FEB 22, 2006 (Page 1 of 2)



Temperature and Humidity Transmitter

Wide range humidity measurement for indoor environments

Model THT-N Series

THT-N Series is the best detector for indoor measurement of temperature and humidity. It comes with a reliable, proven macro-molecule humidity sensor and has durable enclosures for factory, plant and building automation applications. It has two wire, loop powered 4 to 20mA (0 to 100%rh) linear current output. It is high precision enable a highly stable indication for recording and controlling temperature and humidity.

Characteristics

Model	THT-N16HB	THT-N26HB
Mounting system	Space mounting	Duct mounting
Humidity Sensor	Shinyei Humidity Sensor HPR-MQ	
Input Voltage	12 to 24VDC	
Operating Temperature Range	0 to 50deg.C	-20 to 60 deg. C (sensor)
		0 to 50deg. C (electronics)
Operating Humidity Range	99%rh or less, non-condensing (sensor)	
	95%rh or less, non-co	ndensing (electronics)
Humidity Output	4 to 20mA	
Linear output for 0 to 100%rh full scale		o 100%rh full scale
Humidity Measurement Accuracy	+/-3%rh (at 25deg. C, from 20 to 95%rh)	
	+/- 2%rh is	s available

Connections

Humidity

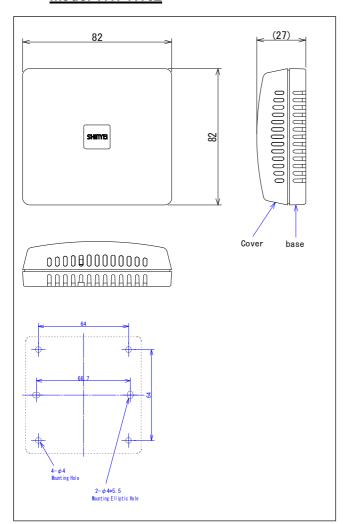
HUM + HUM -	[+] [-]	2 wires, loop powered		
Temperature				
TMP +	[+]	2 wires, loop powered		
TMP -	[-]			

Product Specification

SHINYEI KAISHA

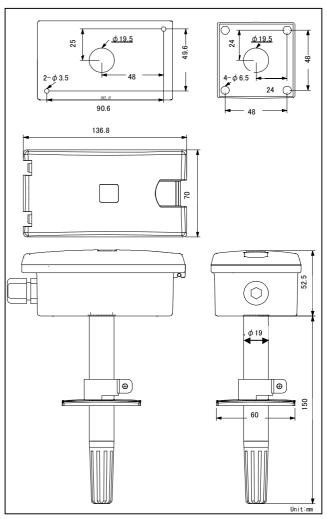
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Configuration Model THT-N162



(unit: mm)

Model THT-N262



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

* Flange is an option.