



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-N163B	THT-NW263B
Mounting system	Wall/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-condensing (electronics)	
Humidity Output	4 to 20mA (2 wire) (option 0 to 10VDC also available) Linear output for 0 to 100%rh full scale	
Humidity Measurement Accuracy	+/-3%rh (at 25deg. C, from 20 to 95%rh) +/- 2%rh is available	

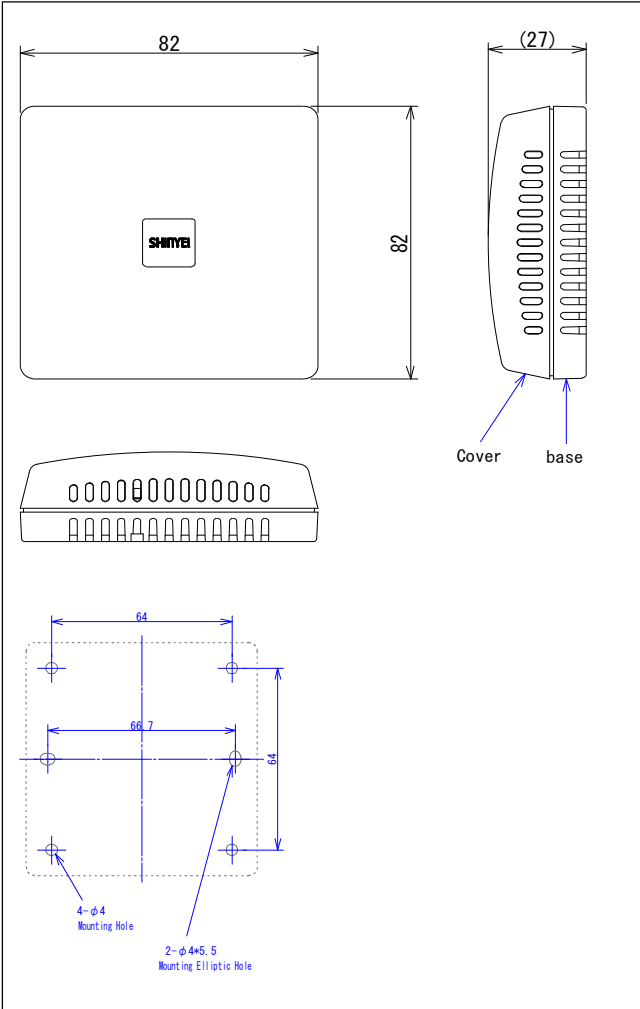
Connections

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

Specification sheet of THT-N series July 29, 2005 (Page 2 of 2)

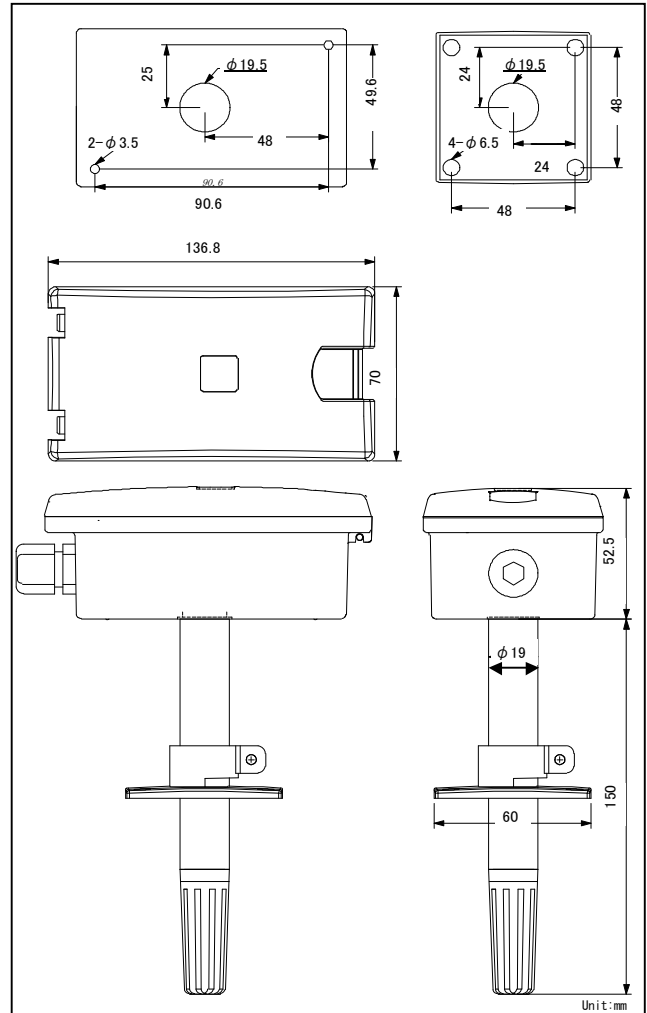
Configuration

Model THT-N163B



(unit: mm)

Model THT-NW263B



Remark; We have the right to revise specifications and product configurations without notice. * Flange is an option.



Contact :

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