

For more information about Nanjing Automation Institute of Water Conservancy and Hydrology solutions, please call +91-674-2562506 or email on jay.rath@sunjray.com

AIR TEMPERATURE AND RELATIVE HUMIDITY SENSOR



Air temperature and relative humidity probes typically consist of two separate sensors packaged in the same housing. Often relative humidity is measured with a capacitive RH sensor, while air temperature is measured by a PRT. The YDH-1 AWS Air Temperature and Relative Humidity Probes are recommended in humid areas or applications in which accurate measurements of RH (especially above the 90% RH level) are important. Solar radiation shield are required for the sensors if they were to be exposed to sunlight.

Air temperature	
Range	-5° C to +60° C
Accuracy	± 0.1°C or better
Resolution	0.1°C
Sensor type	Resistance Type
Response time	60 seconds
Connecting cable	cable length: as required
Output	DC analogue, RS 232
Accessories	all accessories (fixing units, etc.) as required
Tools	complete tool kit for installation and routine maintenance
	giving full detail(number of pieces and type)
Relative Humidity	
Range	0% to 100% RH
Accuracy	± 3% or better
Resolution	0.50%
Sensor type	Capacitive / solid state
Response time	60 seconds
Connecting cable	Cable length: as required
Accessories	all accessories (fixing units, etc.) as required
Tools	complete tool kit for installation and routine maintenance
10010	

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