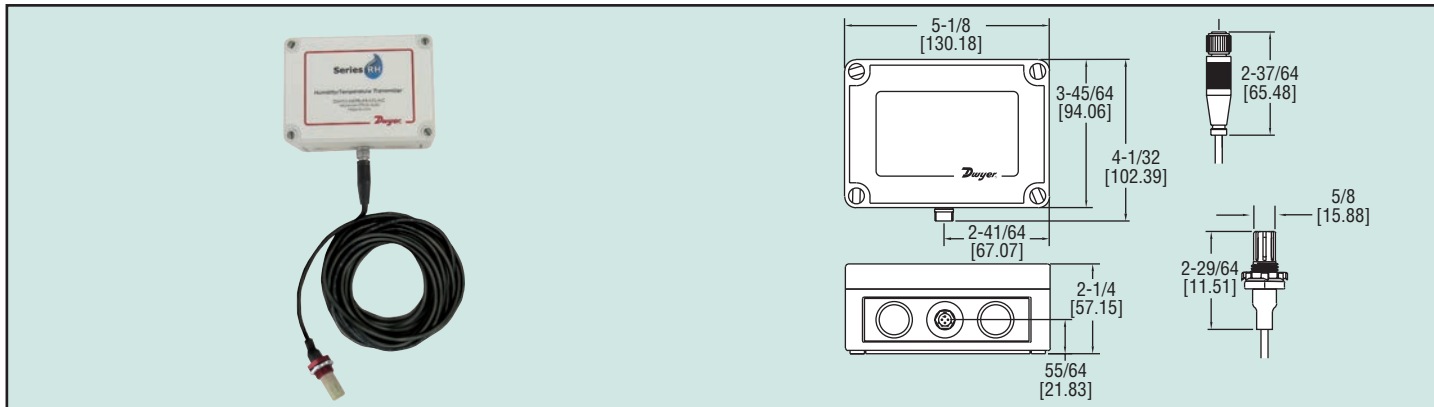




Series
RH-R

Humidity/Temperature Transmitter

Remote Mount, Field Replaceable Sensor Filter, Up to 16 Cable



The Series RH-R Humidity Transmitter is the ideal transmitter for those applications where space is limited. The compact sensor is protected by a removable filter. It can be mounted up to 16 feet away from the weatherproof base. The Series RH-R is ideal for environmental chambers, rubber bladder burst detection and air handler applications.

SPECIFICATIONS

Service: Dry clean air.

Relative Humidity Range: 0 to 100% RH.

Temperature Range: -40 to 140°F (-40 to 60°C).

Accuracy: ±2% @ 10-90%.

Temperature Limits: -40 to 140°F (-40 to 60°C).

Storage Temperature: -40 to 176°F (-40 to 80°C).

Compensated Temperature Range: -4 to 140°F (-20 to 60°C).

Power Requirements: 10 to 35 VDC.

Output Signal: 4 to 20 mA loop powered or 0 to 10 VDC.

Response Time: Less than 15 seconds.

Electrical Connections: Terminal block.

Conduit Connection: 1/2" NPT.

Process Connection: 1/2 NPSM.

Drift: Less than 1%/year.

RH Sensor: Capacitance polymer

Cable Length: Up to 16 ft.

Housing Material: Polycarbonate, aluminum enclosure.

Enclosure Rating: NEMA 4X (IP66).

Agency Approvals: CE.

Model	Cable Length	Description	Output	Model	Cable Length	Description	Output
RHU-R004	4'	Humidity	Current	RHU-R104	4'	Humidity	Voltage
RHU-R008	8'	Humidity	Current	RHU-R108	8'	Humidity	Voltage
RHU-R012	12'	Humidity	Current	RHU-R112	12'	Humidity	Voltage
RHU-R016	16'	Humidity	Current	RHU-R116	16'	Humidity	Voltage
RHT-R004	4'	Humidity/Temperature	Current	RHT-R104	4'	Humidity/Temperature	Voltage
RHT-R008	8'	Humidity/Temperature	Current	RHT-R108	8'	Humidity/Temperature	Voltage
RHT-R012	12'	Humidity/Temperature	Current	RHT-R112	12'	Humidity/Temperature	Voltage
RHT-R016	16'	Humidity/Temperature	Current	RHT-R116	16'	Humidity/Temperature	Voltage