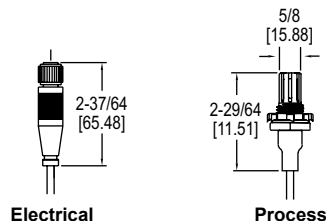
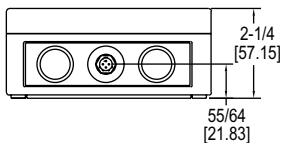
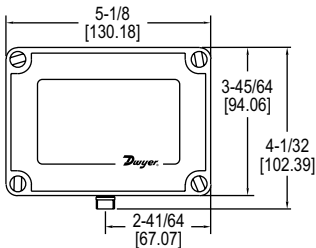


Dwyer

SERIES RH-R

HUMIDITY/TEMPERATURE TRANSMITTER

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



Electrical

Process

Probe connections

The **Series RH-R Humidity and Temperature 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.

BENEFITS/FEATURES

- Cable lengths from 4 to 16'
- Remote housing allows for flexibility sensing where space may be limited

APPLICATIONS

- Process system monitoring
- Environmental chambers
- Air economizers

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: 10-35 VDC.
Output Signal: 4-20 mA loop powered.
Response Time: Less than 15 s.
Electrical Connections: Terminal block.
Conduit Connection: 1/2" NPT.
Process Connection: 1/2 NPSM.
Drift: < 1%/year.
RH Sensor: Capacitance polymer
Cable Length: Up to 16'.
Housing Material: Polycarbonate, aluminum enclosure.
Enclosure Rating: NEMA 4X (IP66).

MODEL CHART

Model	Cable Length	Description	Output	Model	Cable Length	Description	Output
RHU-R004	4'	Humidity	Current	RHT-R004	4'	Humidity/temperature	Current
RHU-R008	8'	Humidity	Current	RHT-R008	8'	Humidity/temperature	Current
RHU-R012	12'	Humidity	Current	RHT-R012	12'	Humidity/temperature	Current
RHU-R016	16'	Humidity	Current	RHT-R016	16'	Humidity/temperature	Current