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.

FEATURES/BENEFITS

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

APPLICATIONS

• Process system monitoring
• Environmental chambers
• Air economizers

MODEL CHART

<table>
<thead>
<tr>
<th>Model</th>
<th>Cable Length</th>
<th>Description</th>
<th>Output</th>
<th>Price</th>
<th>Model</th>
<th>Cable Length</th>
<th>Description</th>
<th>Output</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>RHU-R004</td>
<td>4’</td>
<td>Humidity</td>
<td>Current</td>
<td>$270.00</td>
<td>RHT-R004</td>
<td>4’</td>
<td>Humidity/temperature</td>
<td>Current</td>
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<td>RHU-R008</td>
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<td>Humidity</td>
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<td>RHT-R008</td>
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<td>Humidity/temperature</td>
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<tr>
<td>RHU-R012</td>
<td>12’</td>
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<td>RHU-R016</td>
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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% RH.
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).

Series 657 Relative Humidity/Temperature Transmitters provide two 4-20 mA channels to produce separate output signals for both relative humidity and temperature. These devices deliver ±2% accuracy for humidity and ±1°F for temperature measurements. Stainless steel probe can be easily mounted to most ductwork using either of the two optional kits below.

FEATURES/BENEFITS

• Polymer film humidity and thin film RTD temperature sensors offer highly reliable and stable measurements.
• Remote mount housing offers installation flexibility (657-1).
• Rugged die-cast aluminum housing is great for industrial applications (657C-1)

APPLICATIONS

• Cleanroom monitoring
• HVAC/building control monitoring

MODEL CHART

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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<tr>
<td>657-1</td>
<td>RH/temperature transmitter</td>
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<td>657C-1</td>
<td>RH/temperature transmitter - conduit housing</td>
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ACCESSORIES

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<td>A-158</td>
<td>Split range</td>
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<td>A-159</td>
<td>Mounting gland</td>
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<td>A-158</td>
<td>A-159</td>
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</table>

SERIES 657

RELATIVE HUMIDITY/Temperature TRANSMITTERS

Dual Channel Design for Simultaneous 4-20 mA Output Signals

SPECIFICATIONS

Service: Dry clean air.
Range: Relative humidity: 0 to 100%; Temperature: 32 to 212°F (0 to 100°C).
Accuracy: ±2% (10 to 90% RH), ±3% (0 to 10% and 90 to 100% RH); Temperature ±1°F (0.5°C).
Temperature Limits: 32 to 140°F (0 to 60°C).
Pressure Limits: 1 psi (0.7 bar).
Compensated Temperature Range: 32 to 140°F (0 to 60°C).
Power Requirements: 10-35 VDC.
Output Signal: 2 channels each 4-20 mA. Loop powered on the RH channel.
Electrical Connections: 4 screw type terminals.
Mounting Orientation: Mount in any position.
Probe: 657-1: Stainless steel 5/16” x 10” (0.8 x 25.4 cm); 657C-1: 5/16” x 9-1/10” (0.8 x 23.1 cm).
Weight: 657-1: 5.5 oz (156 g); 657C-1: 10 oz (284 g).

OPTIONS

To order add suffix: Description       | Price  |
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>-NIST</td>
<td>NIST traceable humidity calibration certificate</td>
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</table>

Example: 657C-1-NIST

Note: Items are net priced and are not subject to any discount.