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 Specifications
- **Model:** RHU-R004, RHU-R008, RHU-R012, RHU-R016, RHT-R004, RHT-R008, RHT-R012, RHT-R016
- **Cable Length:** 4, 8, 12, 16 ft.
- **Description:** Humidity, Humidity/Temperature
- **Output:** Current, Voltage

### Contact Information
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### Model RHRS, Radiation Shield

- **Model:** RHRS, RHRS-10
- **Plate Design:** 6 or 10 Plate Design
- **Integral Pipe Mounting Kit
- **Description:** Protects outside air humidity transmitters from rain and radiated heat. Air flow is able to move across the sensor and keep radiated temperatures from affecting humidity readings.
- **Installation:** Integral pipe mounting hardware which can be removed for surface mounting applications.
- **Mounting Bracket:** Designed to be installed on Dwyer Series RHP outside air humidity transmitters with sintered filters.
- **Pipe Mounting:** Fits 3/4˝ to 1-1/2˝ iron pipe.