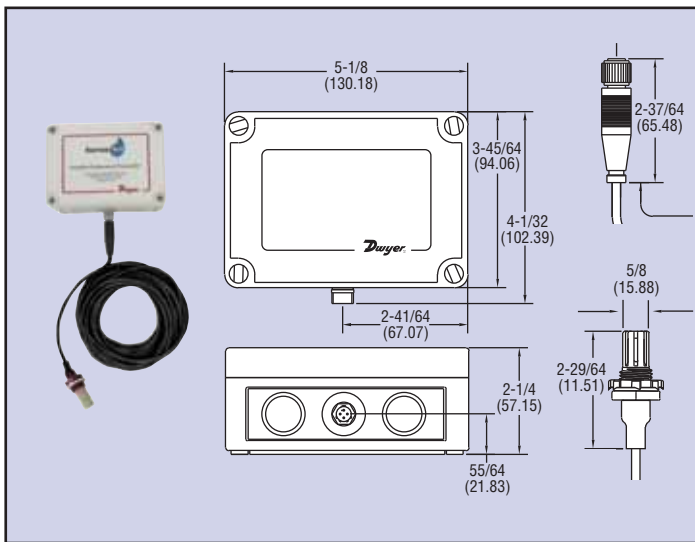




Series  
RH-R

# 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:** 10-35 VDC.

**Output Signal:** 4-20 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 (IP65).

**Agency Approvals:** CE.

Humidity  
& Air Quality

Model Number	Cable Length	Description	Output	Model Number	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