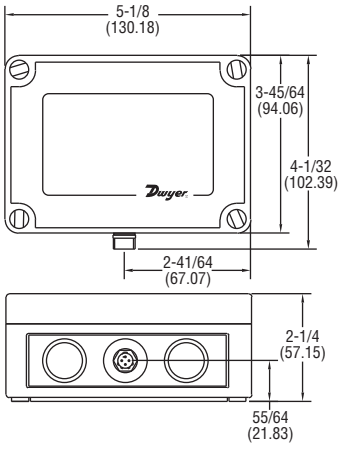
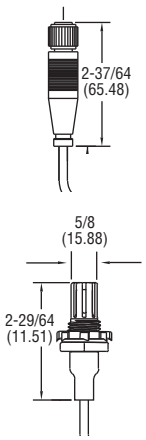
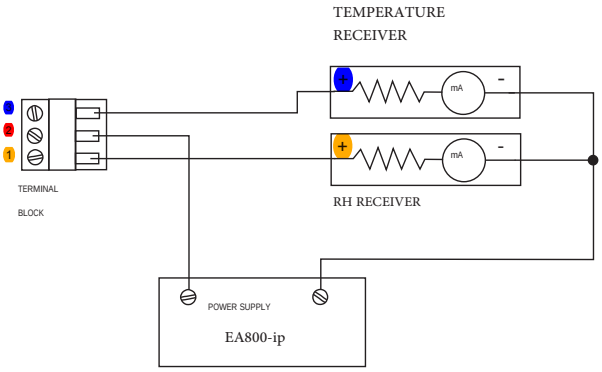
Dwyer RH-R





Response Time: 15 seconds.
Electrical Connections: Screw terminal block.
Process Connection: 1/2 NPSM
Conduit Connection: 1/2″ (22.3 mm).
– ift: <1% RH/year.
I Sensor: Capacitance polymer.
Temperature Sensor: Solid state band gap.
Housing Material: Polycarbonate.
Enclosure Rating: NEMA 4X (IP65).
Display Resolution: RH: 0.1%; 0.1°F (0.1°C).
Weight: 19 oz (0.54 kg).
Agency Approvals: CE.



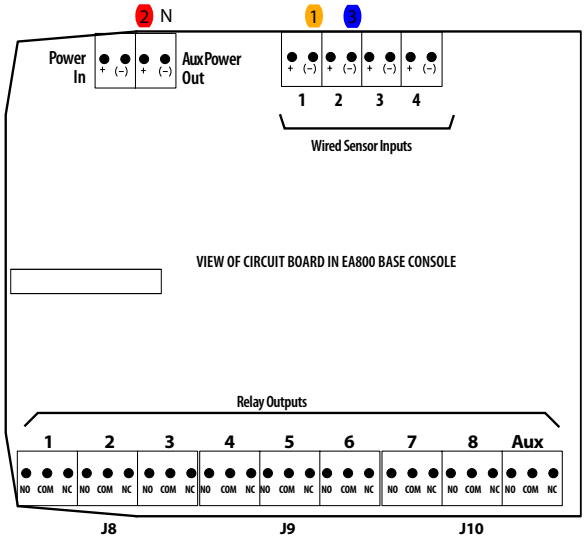
NOTE: FOR MODELS WITH RH AND TEMPERATURE, THE RH OUTPUT MUST BE HOOKED UP. IF THE RH OUTPUT IS NOT REQUIRED, WIRE THE "(-)" TERMINAL OF THE POWER SUPPLY TO TERMINAL 1.

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; ±0.9°F @ 72°F (±0.3°C @ 25°C).
Hysteresis: ±1%.
Repeatability: ±0.1% typical.
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).
4-20 mA Loop Powered Models:

Power Requirements: 10-35 VDC.
Output Signal: 4-20 mA, 2 channels for humidity/ temperature models (loop powered on RH).

EA800-ip Wiring



Humidity Programming

Sensor Type:	4-20mA
Sensor Name:	Common Name
Unit of Measure:	Custom Units (RH)
Resolution:	0.1
4mA Value:	+000.0
20mA Value:	+100.0
High Alarm Limit:	High Set Point
Low Alarm Limit:	Low Set Point
Hysteresis:	0.1
Alarm Delay Time:	Set Delay Time

Temperature Programming

Sensor Type:	4-20mA
Sensor Name:	Common Name
Unit of Measure:	Custom Units (°F)
Resolution:	0.1
4mA Value:	-040.0
20mA Value:	+140.0
Hysteresis:	0.1