



**FEATURES**

- Air Quality Station combines
  - Particle mass monitoring
    - PM1.0, PM2.5, PM4.0, PM10
  - Particle count monitoring
    - PM0.5, PM1.0, PM2.5, PM4.0, PM10
  - Carbon Dioxide (CO2) 0-3000 PPM
  - Total Volatile Organic Compounds 0-10,000 ppb
  - Relative Humidity (%RH) 0-100%
  - Temperature -22 to 158°F

**SPECIFICATIONS**

<b>Model</b>	<b>EXL-02038</b>
<b>RH Accuracy</b>	<b>5%</b>
<b>CO2 Accuracy</b>	<b>+/- 70PPM or +/- 5%</b>
<b>Terminals</b>	<b>Quick Connect</b>
<b>Service</b>	<b>&gt; 5 Years</b>
<b>Input Voltage</b>	<b>15-24 V AC/DC</b>
<b>Input Power</b>	<b>3 VA @ 24VAC</b>
<b>Display</b>	<b>Real-Time</b>
<b>Outputs</b>	<b>None</b>
<b>Response Time</b>	<b>30 Seconds</b>

**PART NUMBER:**

**EXL-02038**

**ExactLogic Air Quality Station**

**Description:**

The ExactLogic EXL02038 Air Quality Station measures particle counts (PM.5, PM1.0, PM2.5, PM4.0, PM10), particle mass (PM1.0, PM2.5, PM4.0, PM100, Carbon Dioxide (CO2), Total Organic Compounds, Relative Humidity and Temperature.

This sensor is used for Indoor Air Quality monitoring, Ionization monitoring, Respiratory Irritant monitoring, Total Volatile Organic Compounds (TVOCs) which measure a wide variety of contaminants such as Alcohol, Formaldehyde, Glycerin (vaping smoke), Perfume, Body odor and other solvents and products of manufacturing (new office / car smell).

The Total Volatile Organic Compounds (TVOC) are directly reduced by ionization and are therefore a good indicator of proper ionization function when low.

BACnet communication communicates the individual gas concentrations to a BACnet system.



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