**VS-3000E Sensor System**

**Application Questionnaire**

|  |  |
| --- | --- |
| Company Name |  |
| **Company Contact** |  |
| **Title** |  |
| **Address** |  |
|  |
|  |
| **Direct Telephone** |  | Fax |  |
| **E-mail** |  |
|  |
| **Industry** |  |
| ***Product*** *(Beer, Soft Drinks, Wastewater, Ethanol, Glycol, Acids, Pharma, BioFuel, Gas Purity, etc.),* |  |

***Application Specifics:***

|  |  |
| --- | --- |
| **What dissolved concentration are you trying to measure****What are the other contents of the liquid** (proteins, sugars, hydrocarbons, CO2..) |  |
| **Current Test Method** *(Gehaltemeter, Anton Paar, Orbisphere, Density, Refractometer, Mass-Flow meter, etc.)* |  |
| **Concentration Range** |  |
| **Sensitivity Required** (+/- amount) |  |
| **Number of Brands/Liquids** (if applicable) |  |
| **Frequency of Brand/Liquid Change** |  |
| **Specific Gravity** (by brand/liquid) |  |
| **Concentration** (by brand/liquid) |  |
| **Other Gases in Brands** *(Nitrogen,Oxygen, etc)* |  |
| **Desired Measurement Locations** *(tank, line, filler, blender)* |  |
| **Total Number of Sensors Required** |  |

***Process Conditions:* –** Provide information on proposed locations / temperatures / pressures

|  |  |
| --- | --- |
| **Ambient Temperature Range**  |  |
| **Product (Process) Temperature Range** |  |
| **Process pressure (max)** |  |
| **Wash down environment indoor, outdoor etc.** |  |
| **CIP / SIP Temperature (Max)** |  |
| **CIP / SIP Cycle Time (Minutes)** |  |
| **CIP / SIP Pressure (Max)** |  |
| **CIP Chemistry –** **NaOH Concentration? Other?** |  |
| **Explosion Proof Instrument required?** |  |
| **Electrical Power Requirements****(24VDC, 110/220 VAC-AutoSensing)** |  |

***FIELDBUS COMMUNICATIONS:***

|  |  |
| --- | --- |
| **Preferred Communication Protocol** *Ethernet (standard), EtherNet IP)* |  |
| **PLC Brand and Model**  |  |
|  |  |

***Describe the Process:***

|  |
| --- |
| **Describe process as a whole. What is the net goal, what role does the sensor play in the overall production process?** |
|  |

Please email completed questionnaire to ray.ciemnieki@beveragesensors.com or bob.oleary@beveragesensors.com