# *Master K&I Logo-LC*

# LEVEL APPLICATION DATA SHEET

# CUSTOMER INFORMATION

|  |  |
| --- | --- |
| Company |  |
| Contact |  |
| Position |  |
| Address |  |
| City, State, Zip |  |
| Phone |  |
| Fax |  |
| Email |  |

**APPLICATION REQUIREMENTS**

|  |  |
| --- | --- |
| Application type | Continuous  Point  Interface  Other |
| Number of vessels |  |
| Application description |  |
|  |
|  |
|  |
|  |
| Urgency | Immediate  2-4 weeks  4-12 weeks  In Planning |

**ELECTRICAL REQUIREMENTS**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Power | 120 VAC | 12 VDC | 24 VDC | 220 VAC | Other: |
| Enclosure | Standard | X-Proof | Water Tight | Weather Resist | Other: |
| Distance | Sensor to electronics: | | | Electronics to readout | |
| Outputs | 4-20 ma | Relays – No of Points: | | Digital - Specify: | |
| 0-5VDC | Solid state output | | PNP | NPN |
| 2-WIRE 24 VDC | | Other: | | |

**PROCESS MATERIAL**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Material Name |  | | | |
| Type | Liquid | Solid | Powder | Other |
| Classification | None | Explosive | Other | |
| Characteristics | Agitation | Buildup | Corrosive | Dust |
| Foam | Suspension | Sediment | Vapors |
| Wash down | Other | | |
| Details: | | | |
|  | | | |

|  |  |  |
| --- | --- | --- |
| Specify  For  Solid  Materials | Density |  |
| Particle Size |  |
| Angle of repose |  |
| Special characteristics |  |

# *Master K&I Logo-LC*

# LEVEL APPLICATION DATA SHEET

**VESSEL CONFIGURATION**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Vessel Type | Vertical cylinder | | Horizontal cylinder | Rectangular | | Other |
| Dimensions | Height: | | Width: | Length: | | |
| Diameter: | | | Wall Thickness: | | |
| Vessel Material | Stainless steel | | Mild Steel | Plastic | | Aluminum |
| Copper | | Brass | Other | | |
| Vessel Interior Coating?  yes  no | | | Coating Material: | | Thickness: | |
| Vessel Exterior Coating?  yes  no | | | Coating Material: | | Thickness: | |
| Vessel Top Type | | Open | Closed | Floating | |
| Vessel Top Shape | | Sloped | Domed | Flat | |
| Vessel Bottom | | Sloped | Conical | Flat | |
| Fill/Empty Method | | Pump | Gravity | Pneumatic | |
| Fill Speed: | | | Empty Speed | | |
| Noise? (conveyors, dust collectors, etc. | | | Describe: | | | |
| Obstructions in vessel? | | | Describe: | | | |
| Pressure: | | | Temperature: | Max. | | Min. |

**SENSOR**

|  |  |  |
| --- | --- | --- |
| Mounting | Nozzle Height:  Nozzle ID: | Flange – Size & Material: |
| Distance from vertical member or sidewall to sensor centerline | |  |
| Distance from fill port to sensor | |  |
| Distance from sensor face to high point of measurement (continuous level) | |  |
| Distance from sensor face to low point of measurement (continuous level) | |  |
| Distance from bottom of fitting to sensing point (point level systems) | |  |

**ADDITIONAL APPLICATION INFORMATION**

|  |
| --- |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |

**Thank you for taking the time to complete this form in its entirety. We will provide you with a recommendation that is guaranteed to satisfy your requirements.**

**9904 Legacy Ct. Louisville, Kentucky 40291**

**Toll Free (844) GAS-FLOW Direct (502) 836-8824 Fax (502)231-8401**

**Web: www.k-iinstruments.com Email: scott@k-iinstruments.com**