# *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: |
|  |

|  |  |  |
| --- | --- | --- |
| SpecifyForSolidMaterials | Density |  |
| Particle Size |  |
| Angle of repose |  |
| Special characteristics |  |

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**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**

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| --- |
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|  |

**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.**

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