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| **APPLICATION DATA SHEET: CONTINUOUS LEVEL GAUGE** |

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| **Quote Reference:** | |  | | | |  | | **Tag:** | | | | |  | | | | | | | | | | | | |  |
| **Customer:** |  | | | | |  | | **End-User:** | | | | |  | | | | | | | | | | | | |  |
| **Fax No:** |  | | | | |  | | **Date:** | | | | |  | | | | | | | | | | | | |  |
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| In order to evaluate the application *and* to ensure that any equipment subsequently purchased will be compatible with the process plant, certain minimum data is required. Please enter the data required on the questionnaire below.  A free hand sketch of the application should be drawn on the reverse of this data sheet. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **PROCESS AND MEASUREMENT DETAILS** | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | **Maximum** | | | | | | | | | **Normal** | | | | | | | | **Minimum** | | | |
| Process temperature (°C) | | | | | |  | | | | | | |  | | |  | | | | |  | | |  | | |
| Ambient temperature (°C) | | | | | |  | | | | | | |  | | |  | | | | |  | | |  | | |
| Process bulk density (kg/m3) | | | | | |  | | | | | | |  | | |  | | | | |  | | |  | | |
| Measurement range required (mm) | | | | | |  | | | | | | |  | | |  | | | | |  | | |  | | |
| Process material | | | | | |  | | | | | | |  | | |  | | | | |  | | |  | | |
| Vessel inside diameter (mm) | | | | | |  | | | | | | |  | | |  | | | | |  | | |  | | |
| Angle of vessel wall to horizontal - source side (deg.) | | | | | |  | | | | | | |  | | |  | | | | |  | | |  | | |
| Angle of vessel wall to horizontal - detector side (deg.) | | | | | |  | | | | | | |  | | |  | | | | |  | | |  | | |
| Vessel wall thickness (mm) | | | | | |  | | | | | | |  | | |  | | | | |  | | |  | | |
| Vessel wall material | | | | | |  | | | | | | |  | | |  | | | | |  | | |  | | |
| Vessel wall Solids density (kg/l) | | | | | |  | | | | | | |  | | |  | | | | |  | | |  | | |
| Vessel liner thickness (mm) | | | | | |  | | | | | | |  | | |  | | | | |  | | |  | | |
| Vessel liner material | | | | | |  | | | | | | |  | | |  | | | | |  | | |  | | |
| Vessel liner Solids density (kg/l) | | | | | |  | | | | | | |  | | |  | | | | |  | | |  | | |
| Vessel insulation thickness (mm) | | | | | |  | | | | | | |  | | |  | | | | |  | | |  | | |
| Vessel insulation material | | | | | |  | | | | | | |  | | |  | | | | |  | | |  | | |
| Vessel insulation Solids density (kg/l) | | | | | |  | | | | | | |  | | |  | | | | |  | | |  | | |
| Response time desired (seconds) | | | | | |  | | | | | | |  | | |  | | | | |  | | |  | | |
| Hazardous location? | | | | | | Yes  No | | | | | | | | | |  | | | | | (Classification) | | | | | |
| Does filling material interfere with the measurement? | | | | | | Yes  No | | | | | | | | | | (Mark Choice) | | | | | | | | | | |
| Severe vibration? | | | | | | Yes  No | | | | | | | | | | (Mark Choice) | | | | | | | | | | |
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| **SWITCH ELECTRONICS & DETECTOR ASSEMBLY** | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cabinet type | | | | Blind  Wall Mounting | | | | | | | | | | | | | | | | | | (Mark Choice) | | | | |
| Power supply available | | | | 220V AC  110V AC  50 Hz  60 Hz | | | | | | | | | | | | | | | | | | (Mark Choice) | | | | |
| Environmental temperature (°C) | | | |  | | | (Maximum) | | | | |  | | | | | (Normal) | | |  | | | | | (Minimum) | |
| Enclosure protection class | | | | IP54 (std)  IP55  IP | | | | | | | | | |  | | | |  | | | | (Mark Choice) | | | | |
|  | | | |  | | | | | | | | | |  | | | |  | | | |  | | | | |
| Severe vibration? | | | | Yes  No | | | | | |  | | | | | | | | | | | | | | | | |
| Hazardous location? | | | | Yes  No | | | | | |  | | | | | | | | | | | | (Classification) | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| **OPTIONS** | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Special painting? | | | PA Proprietary (Blue)  Galvanized  Other (as per attached)  None | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stainless steel sensor set? | | | | | Yes  No | | | | (Mark Choice) | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LCD back lighting required? | | | | | Yes  No | | | | (Mark Choice) | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
| High / Low alarms required? | | | | | Yes  No | | | | (Mark Choice) | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Constant voltage transformer required? | | | | | Yes  No | | | | (Mark Choice) | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inter-connecting cable (part 2839/100) required? | | | | | Yes  No | | | |  | | Metres | | | | | | | |  | | | | | | | |
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| Application Data Sheet: Continuous Level Gauge | Page 2 of 2 |

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| **SPECIAL REQUIREMENTS** | | | | | | | | | | |
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| **SKETCH OF APPLICATION** | | | | | | | | | | |
| **or alternatively** attach a drawing (ACAD .dwg or .pdf format) of the application | | | | | | | | | | |
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| **DETAILS - RADIATION PROTECTION OFFICER** | | | | | | | | | | |
|  | | | | | | | | | | |
| Name: | |  | | |  | Tel no: |  | | |  |
| Designation: | |  | | |  | Fax no: |  | | |  |
| E-mail: | |  | | |  | | | | |  |
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| **CONFIRMATION OF TECHNICAL DETAILS AS SET OUT ABOVE** (requirement of ISO 9000/9001) | | | | | | | | | | |
|  | | | | | | | | | | |
| Print Name: | |  | | |  | Designation: | |  | |  |
| Signature: | |  | | |  | Date: | |  | |  |
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| **FOR OFFICE USE** | | | | | | | | | | |
|  | | | | | | | | | | |
| Model purchased: | | | |  | | | | |  | |
|  | | | | | | | | | | |
| Number & length of detectors to be supplied: | | | |  | | | | |  | |
|  | | | | | | | | | | |
| Hi-meg resistor value required: | | | |  | | | | |  | |
|  | | | | | | | | | | |
| Number & model of source head to be used: | | | |  | | | | |  | |
|  | | | | | | | | | | |
| Collimation angle(s) required: | | | |  | | | | |  | |
|  | | | | | | | | | | |
| Isotope activity to be supplied: | | | |  | | | | |  | |
|  | | | | | | | | | | |
| Additional requirements: | | |  | | | | | | |  |
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