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V03.2011

Name: \_\_\_\_\_  
Company: \_\_\_\_\_  
Street: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
Phone: (\_\_\_\_) \_\_\_\_\_ Fax: (\_\_\_\_) \_\_\_\_\_  
E-mail Address: \_\_\_\_\_  
This is a:  Request for Quote  Order: PO# \_\_\_\_\_  
Quantity Needed: \_\_\_\_\_ Date Required: \_\_\_\_/\_\_\_\_/\_\_\_\_  
Shipping Method: \_\_\_\_\_ Partial Accepted:  Yes  No

**Please complete and fax back to your local Lesman office.**

Contact: \_\_\_\_\_ Ext. \_\_\_\_\_



## Level Application Datasheet

### Tank/Vessel Information

Tank Type  Storage  Process  Separator  
 Reactor  Pump Station  Open Channel  
 Other \_\_\_\_\_

Tank Top  Open  Flat  
 Conical  Parabolic

Tank Bottom  Sloped  Flat  
 Conical  Parabolic

Tank Material \_\_\_\_\_

Dimensions: Height \_\_\_\_\_ Diameter \_\_\_\_\_

Describe the Mounting Connection  
Location:  Top  Side  Pipe  
Size:  \_\_\_\_\_" NPT  \_\_\_\_\_" Flange

Nozzle: Length \_\_\_\_\_ (in) Diameter \_\_\_\_\_ (in)

Distance to Sidewall \_\_\_\_\_

Filling Method \_\_\_\_\_

Pressure: Normal \_\_\_\_\_ Relief \_\_\_\_\_

Area Safety Classification \_\_\_\_\_

Is There Any Internal Equipment or Obstruction?  Yes  No  
If Yes, List Here: \_\_\_\_\_

Maximum Temperature  
At Electronics \_\_\_\_\_ °C  °F  
At Mounting Connection \_\_\_\_\_ °C  °F

Do You Use a Stilling Well?  Yes  No  
If Yes, Give Diameter: \_\_\_\_\_

### Measurement Information

Measurement Type  Point Level  Continuous  
 Interface  Flow  Volume

Material to Measure \_\_\_\_\_

Material State  Liquid  Solid  Liquefied Gas

Material Surface  Flat  Turbulent  Agitated  Vortex

Material Temperature Min. \_\_\_\_\_ Normal \_\_\_\_\_ Max. \_\_\_\_\_ Units  °C  °F

Does the Material Have a Constant Dielectric?  Yes  No

Dielectric Constant   $\epsilon_r < 3$    $\epsilon_r > 3$

Is the Atmosphere Homogenous?  Yes  No

Atmosphere (Check all that apply)  Foam  Air  
 Vapor  Steam  Other \_\_\_\_\_

Dust Presence  None  Light  Heavy

Coating Buildup  None  Light  Heavy

### Instrumentation Needs

Power Available \_\_\_\_\_

Installation  Separation  Side  Center  Manhole

Inputs Required  4-20 mA  Pump Interlocks. (# \_\_\_\_\_)

Outputs Needed  4-20 mA  Solid State  Relay (# \_\_\_\_\_)

Communications Protocol Needed  
 None  Hart®  AB DeviceNet  AB Remote I/O  
 Profibus PA  Modbus RTU/ASCII

### Additional Comments:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

*Please attach a sketch of the vessel application, including top and side views with dimensions, fill points, draw points, and transducer/probe access locations. Identify all installation and measurement obstructions, including overhead clearance.*