



A KELE COMPANY

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Instruments • Valves • Controls

477

V10.2022

Name: _____

Company: _____

City: _____ State: _____

When do you need a quote? _____

When do you need the equipment on site? _____

When will you place the order? _____



Radar Level Application Datasheet

Ordering Note:

Please issue all Siemens orders as follows:
Siemens Industry Inc, c/o Lesman Instrument Company

Tank/Vessel Information

Tank Type Solids Storage Liquids Storage
 Process Reactor

Tank Top Flat Conical Parabolic

Tank Bottom Sloped Flat
 Conical Parabolic

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

Tank Dimensions: Height _____ Diameter _____

Process Connection:
 Location: Top Mount Side Mount Pipe Mount
 Size: _____" NPT _____" Flange

Critical Information

Nozzle: Length _____ Diameter _____

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

Distance to Sidewall _____

Filling Method _____

Pressure: Normal _____ Relief _____

Area Safety Classification _____

Maximum Temperature
 At Electronics _____ °C °F
 At Mounting Connection _____ °C °F

Measurement Information

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 $\epsilon_r < 3$ $\epsilon_r > 3$

Material Concentration _____ %

Material Density _____ lb/ft³

Atmosphere Foam Vapor
 (Check all that apply) Steam Other _____

Dust Presence None Light Heavy

Coating/Deposit Buildup None Light Heavy

Instrumentation Needs

Power Available _____ VAC VDC

Installation Separation Side Center Manhole

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

Communications: HART® Profibus PA None
 Modbus Other _____

Orders for Siemens SITRANS radar level instruments cannot be processed and shipped without this form. Please fill it out accurately and send it to Lesman with your order for engineering review.

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.

Additional Comments:

Name: _____

Company: _____

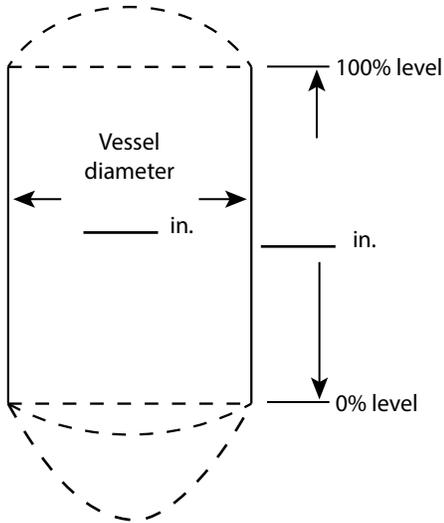
City: _____ State: _____

When do you need a quote? _____

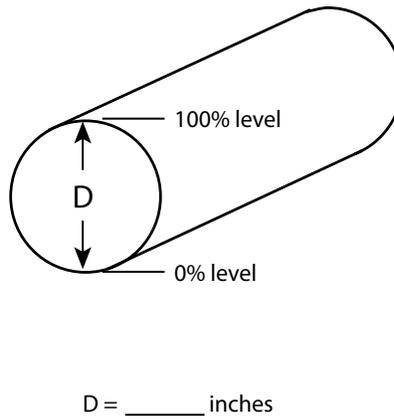
When do you need the equipment on site? _____

When will you place the order? _____

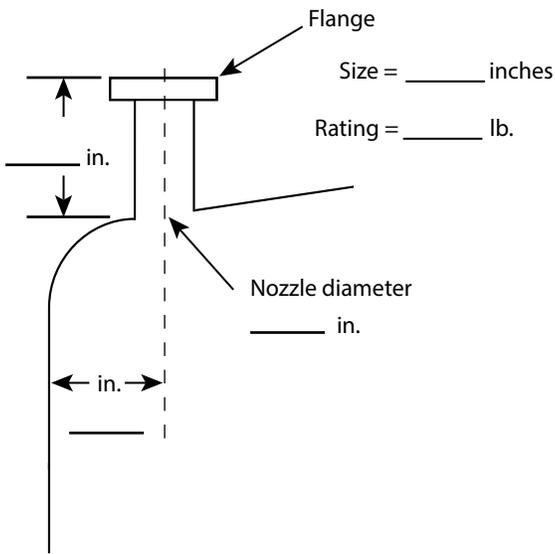
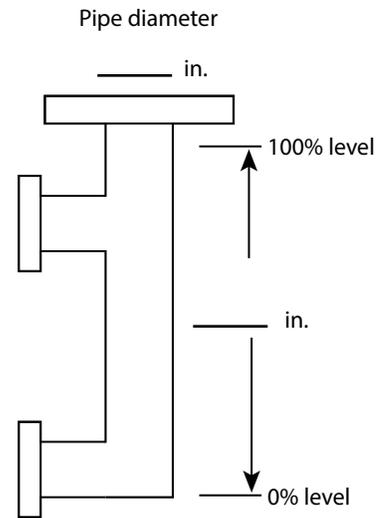
Vertical Cylinder



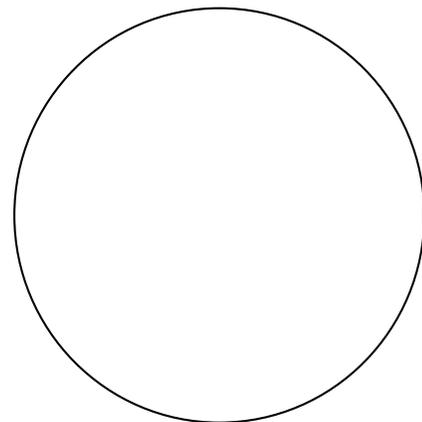
Horizontal Cylinder



Bypass / Stilling Pipe



Top of Tank Drawing



Show the location of all nozzles, agitators, baffles, man-ways, etc.