

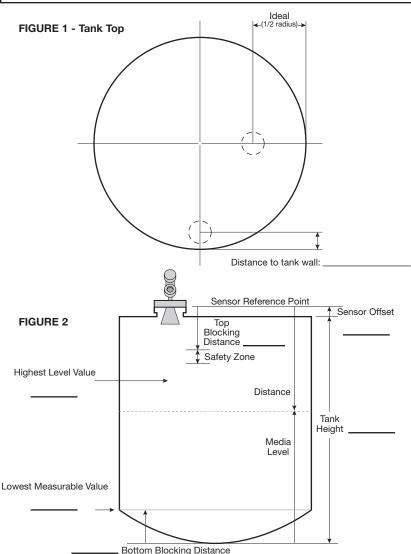
## **Radar Transmitter** Level Application Questionnaire (Please complete both pages)

		`	1 1 0 7
REFERENCE INFORMATION			Application same as previous M#:
Customer/Company:		_ SIC:	
City. State:			signature
City, State: Date:			FOR OFFICE USE:
1			
Phone: Email:			
RFQ Number: P. O. Number:			
Tag Number(s):			
Submitted by: Rep Agency and Salesperson		Rep Code:	
MODEL NUMBER			
1			
B   -   0 - 0 0 0			
*			
ight in the second seco			
R 9 6 — 5		R 8 2 —	5   A - 0
R A —	Quantity — 0 0	Housing: Aluminu	m Lexan Quantity
ğ II A		Antenna: Tefzel	Polypropylene
PROCESS DATA			
Process Name/Description:			
Process Media:			
Media Constants: Dielectric Constant: Conductivity:(μ siemen/cm) Varies?  No Yes, from to			
□ Liquid:       % Concentration       □ Slurry:       % Solids         Process Temperature:       □ AMB       min.       max.       □ °F       □ °C       □ Other			
Process Pressure: ATMOS min max. PSIG Bar KPA Other			
Temperature at Instrument: AMB min max.			
Will media coat antenna? No Condensation Film Coating Significant Coating			
Environment: Normal Corrosive Salt Flood			
Agency:			
☐ ATEX ☐ IEC Hazardous Area Design: ☐ Explosion-proof ☐ Intrinsically Safe ☐ Nonincendive ☐ Other			
Required Materials of Construction:			
Tank Type: Uvertical Cylindrical Horizontal Cylindrical Sphere Sump/Pit (covered) Other			
Tank Size: Height Width Diameter Unit of Measure Tank Material of Construction: Description Diameter Lined: Yes No Coated: Yes No Other			
			O Coaled. Tes I No Other
Tank Top:			
Process Connection: Threaded NPT BSP Flange (size/type)			
Distance to Sidewall			
Nozzle: Height (Include any amount that extends into vessel) Diameter Material			
Stillwell (metal only):  Yes No Inside Diameter			
Type of Filling:  Top Bottom Side (At what level?)			
Agitation: Yes No During Filling During Emptying Between Fill and Empty			
Turbulence: None Light Medium Heavy			
Mixer: Number of Blades Blade Size Number of Stages Height of Each Stage RPM			
Rate of Change (Inches (mm)/minute):			
Does liquid boil and/or flash: Yes No			
Other Objects in Vessel: Yes No (Include sketch on page 2)			
	J		(include shotel of page 2)

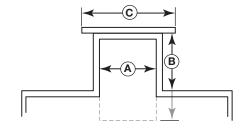
## PERFORMANCE Measurement requirement (with respect to the bottom of the vessel): What is the maximum level height of the material?: \_\_\_\_\_\_\_ Unit of Measure: \_\_\_\_\_\_\_ What is the minimum level height of the material?: \_\_\_\_\_\_\_ Unit of Measure: \_\_\_\_\_\_\_ The typical operating level is \_\_\_\_\_\_\_ Unit of Measure: \_\_\_\_\_\_\_ Accuracy Required: During filling: \_\_\_\_\_\_\_\_ % When level is stationary: \_\_\_\_\_\_\_ % When level is stationary and agitated: \_\_\_\_\_\_\_ %

## High Level Shutdown/Overfill Protection

Special consideration is necessary in any application for High Level Shutdown/Overfill protection. To ensure proper measurement, Consult Factory.



**FIGURE 3 - NOZZLES** 

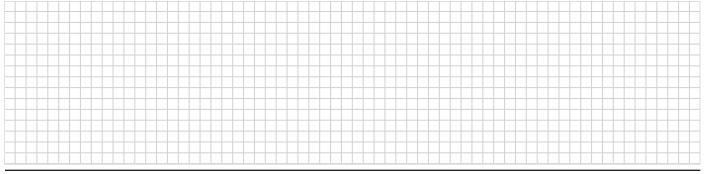


- (A) = Diameter \_\_\_\_\_
- (B) = Length \_\_\_\_\_
- © = Mounting \_\_\_\_\_

## **NOTES**

- 1. End of R82 antenna should never be recessed more than 2× the nozzle diameter
- 2. Nozzle should not exceed Schedule 40

Show location and relative size of all false targets (Figures 1 & 2) - Mixing blades: sketch top and side view





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