

# **Radar Transmitter Open Channel Flow**

## **Application Questionnaire**

(Please complete both pages.)

REFERENCE INFORMATION	Application same as previous M#:	
Customer/Company: SIC:		
City, State:	signature	
Country: Date:	FOR OFFICE USE:	
Contact/Title:		
Phone: Email:		
RFQ Number: P. O. Number:		
Tao Number(s):		
Submitted by: Bep Agency and Salesperson Bep Code:		
	Quantity	
Image: Second se		
PROCESS DATA		
Process Name/Description:		
Process Media:		
Media Constants: Dielectric Constant: Conductivity:(µ siemen/cm) Varies? 🗌 No 🗌 Yes, from to		
Process Temperature: min max.  _ °F  _ °C  _ Other		
Temperature at Instrument: AMB min max. C °F C Other		
Will media coat antenna? 🗌 No 🔄 Condensation 🔄 Film Coating 🔄 Splashing		
Environment: Normal Corrosive Salt Flood Possible Submergence		
Agency:       FM       CSA       Area Classification:       General Purpose (Nema 4X)       Hazardous: Cl Div Group		
ATEX IEC Hazardous Area Design: Explosion-proof Ir	ntrinsically Safe  Nonincendive  Other	
Required Materials of Construction:		
Flow Element: Weir: Type Size:		
Flume: Type Size:		
Custom: Type Size:		
Process Connection: Threaded NPT BSP Flange (size/type)		
Distance to Flow Element Sidewall (See chart on page 2)		
Distance above Flow Element (30" minimum) (See chart on page 2)		
Stillwell (metal only): Yes No Inside Diameter		
Turbulence: 🗌 None 🔄 Light 🔄 Medium 🔄 Heavy		
Foam: None Light Medium Heavy Maximum thickness of foam layer		
Floating Material: Yes No If yes, describe		
Other Objects in Vessel:  Yes No	(Include sketch on 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:\_\_\_\_\_

Accuracy Required: \_\_\_\_\_%

## **Installation Guidelines**

Transmitter Height Above Top of Flow Element "A"	Minimum Transmitter Distance to Flow Element Side Wall "B"
30" (760 mm)	5" (130 mm)
36" (915 mm)	6" (150 mm)
42" (1065 mm)	7" (180 mm)



## Add any other information to be considered for this application





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