Radar Transmitter Open Channel Flow Application Questionnaire

(Please complete both pages.)

REFERENCE INFORMATION

Application same as previous M#: _____

signature

FOR OFFICE USE:

Customer/Company: _____ SIC: _____

City, State: _____

Country: _____ Date: _____

Contact/Title: _____

Phone: _____ Email: _____

RFQ Number: _____ P. O. Number: _____

Tag Number(s): _____

Submitted by: Rep Agency and Salesperson _____ Rep Code: _____

MODEL NUMBER

Transmitter: R 8 6 — 5 _ _ _ — _ _ _

Antenna: R B _ — _ _ _ 0 — _ 0 _ — _ _ — 0 0 0

Quantity: _____

Transmitter: R 9 6 — 5 _ _ _ — _ _ _

Antenna: R A _ — _ _ _ _ — _ 0 0

Quantity: _____

R 8 2 — 5 _ _ A — 0 _ _

Quantity: _____

Housing: ☐ Aluminum ☐ Lexan

Antenna: ☐ Tefzel ☐ Polypropylene

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. ☐ °F ☐ °C ☐ Other

Will media coat antenna? ☐ No ☐ Condensation ☐ Film Coating ☐ Splashing

Environment: ☐ Normal ☐ Corrosive ☐ Salt ☐ Flood ☐ Possible Submergence

Agency: ☐ FM ☐ CSA ☐ ATEX ☐ IEC

Area Classification: ☐ General Purpose (Nema 4X) ☐ Hazardous: Cl_____ Div_____ Group ___

Hazardous Area Design: ☐ Explosion-proof ☐ Intrinsically 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):

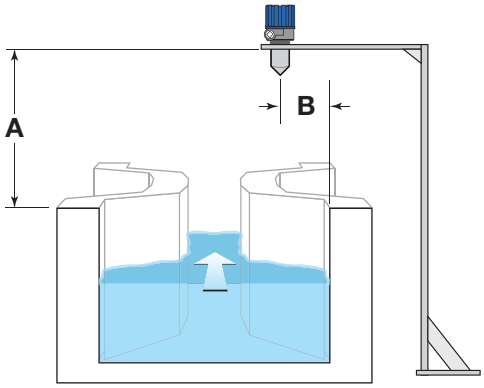
What is the maximum level height of the material?: _____ Unit of Measure: _____

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

Magnetrol®

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BULLETIN: 58-341.2
EFFECTIVE: June 2018
SUPERSEDES: May 2016