Lesman
INSTRUMENTS • VALVES • CONTROLS
484
V11.2013

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Contact: _____ Ext. _____

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

SIEMENS Guided Wave Radar
Application Datasheet

Ordering Note:
Please issue all Siemens orders as follows:
Siemens Industry Inc, c/o Lesman Instrument Co.

Tank/Vessel Information

Tank Type ☐ Solids Storage ☐ Liquids Storage

Tank Top ☐ Open ☐ Conical ☐ Flat ☐ Parabolic

Tank Bottom ☐ Sloped ☐ Flat ☐ Conical ☐ Parabolic

Tank Dimensions: Height _____ Diameter _____

Critical Information

Nozzle: Height _____ Diameter _____

Distance to Sidewall _____

Mounting Connection:

Location: ☐ Top Mount ☐ Bypass/Sidepipe Mount ☐ Pipe Mount ☐ Displacer Replacement ☐ Thread Mount ☐ Flange Mount

Size: ☐ _____"NPT ☐ _____"Flange

	Ambient	Max.	Units
Pressure	_____	_____	☐ PSI ☐ bar

Area Safety Classification _____

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

Measurement Information

Measurement Type ☐ Continuous Level ☐ Interface Level

Material to Measure _____

Material State ☐ Liquid ☐ Solid ☐ Slurry

Material Temperature	Min.	Normal	Max.	Units
	_____	_____	_____	☐ °C ☐ °F

Dielectric Constant _____ εr

Coating/Deposit Buildup ☐ None ☐ Light ☐ Heavy

Turbulence ☐ None ☐ Light ☐ Heavy

Maximum Viscosity
☐ 1–5 cSt (like water) ☐ 50–100 cSt (like honey)
☐ 5–20 cSt (machine oil) ☐ 100–500 cSt (molasses)
☐ 20–50 cSt (cooking oil) ☐ >500 cSt (like tar)

Particle Size
☐ Fine dust/powder, <0.2" (0.5 cm)
☐ Grains (rice, corn), <0.8" (2 cm)
☐ Small stones/gravel, <0.8" (2 cm)
☐ Small rocks/chunks, >0.8" (2 cm)
☐ Large particles, <3.5" (9 cm)

Foam Type ☐ None ☐ Dry ☐ Wet ☐ Wet/Dense

Instrumentation Needs

Power Available _____ ☐ VAC ☐ VDC

Communications: ☐ HART® ☐ None

Outputs Required: ☐ 4–20 mA ☐ Other _____

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: