

Application Data Sheet

UWT Level Controls
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Contact:	_____	Date:	_____
Company:	_____	Phone:	_____
Address:	_____	Fax:	_____
City/St/Zip:	_____	E-mail:	_____
Representative:	_____	Representative Firm:	_____

Level Measurement Requirements:

Point Level Continuous Monitoring Interface Monitoring

Electrical/Communication Requirements:

Power Available: _____ (220 VAC, 120 VAC, 48 VAC, 24 VAC, 24 VDC)
Output Preference: _____ (SPDT, DPDT, PNP, 4-20mA, HART, Modbus, Profibus, Other)
External Display Required? Y / N
Area Classification: _____

Material Characteristics:

Material being Measured: _____ Bulk Density: _____
Material Characteristics (free-flowing, sticky, build-up, particle size, etc.): _____

Dust: None Light Heavy
(Estimate - How far can you see with a flashlight? _____ feet)

Dielectric Constant: _____ Aeration Present? Y / N Conductive? Y / N
Particle Size: _____ Moisture Content %: _____
Average Particle Size: _____ Material Temperature: _____ °F / °C
Expected Angle of Repose: _____

Vessel / Process Details:

Shape of Vessel: _____ Shape of Vessel Bottom (Conical, Flat, Sloped): _____

Vessel Dimensions: Height: _____ Cone: Height: _____
Diameter: _____ Angle: _____

Nozzle Details: Type: Flange / Threaded Size: _____
Height: _____ Diameter: _____

Vessel Temperature: _____ °F / °C Ambient Temperature: _____ °F / °C

Vessel Pressure: _____ psi / bar Steam Present? Y / N

Mounting: Top Side Bottom

Overall Measuring Distance (for continuous measurement): _____ feet / meters

Using the top of the vessel as a reference, what is the distance to the 100% point? _____ feet / meters

Are there any obstructions in the vessel? Y / N If so, what? _____

Is vibration present? Y / N If so, how severe? _____

Agitation Present? Y / N If so, what kind and where? _____

Process Sanitary? Y / N Preferred Probe Material: _____

Vessel Material of Construction: _____

Lined Vessel? Y / N If yes, with what? _____

Process Sketch:

Use this space to provide a sketch of the vessel / process. Please provide any information regarding process connections, material fill/discharge points, obstructions, agitators, and any other information you think may be helpful in assisting to specify the best solution for your application.