

Application Data Sheet: TDR-2000

PLEASE COMPLETE AND EMAIL BOTH PAGES TO OUR APPLICATIONS ENGINEERS TO sales@semrad.com.au

Company Name	Contact Name
Street Address	City
State/Prov.	Zip/Postal Code
Phone	Fax
Email	

MATERIAL INFORMATION

Name (specific and generic):			
Liquid <input type="checkbox"/>	Slurry <input type="checkbox"/>	Bulk Solids <input type="checkbox"/>	Particle Size:
Dielectric Constant:	1 to 2 <input type="checkbox"/> 2 to 10 <input type="checkbox"/> 10 or > <input type="checkbox"/> Unknown <input type="checkbox"/>		
Does material coat?	Side Wall <input type="checkbox"/>	Tank Top <input type="checkbox"/>	Coating Thickness:

ELECTRICAL POWER & OUTPUT REQUIREMENTS

Supply Power Requirement (18-35 VDC):	
Level at 4mA:	Level at 20mA:
Area Classification Inside Vessel (Class, Div., Group):	
Area Classification Outside Vessel (Class, Div., Group):	

VESSEL CONSTRUCTION AND PARAMETERS

Pressure (psi):	Min:	Ave:	Max:
Temp Inside Vessel (°F/°C):	Min:	Ave:	Max:
Temp Outside Vessel (°F/°C):	Min:	Ave:	Max:
Horizontal Cylinder (Y/N):	Upright Tank (Y/N):		
Vessel Height (ft/m):	Vessel Diameter (ft/m):		
Standpipe (Y/N):	If Yes, then ht. X dia. dimensions:		

VESSEL CONSTRUCTION AND PARAMETERS, CONTINUED

Process Connection/Mounting Type:	Size:
Flange or Process Connection Material:	Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Other <input type="checkbox"/> :

PROCESS DESCRIPTION AND SKETCH

Please use the drawing below, that best matches your vessel, to show required sensor length.

FOR SOLIDS, OPTIMUM LOCATION OF SENSOR IS 1/3 OF VESSEL RADIUS FROM SIDE WALL.

