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Densitrak Customer Application Questionnaire

Customer Information

Date:

Company:							
Address:							
City:					State:		Zip:
Purchase Contact:			Title:				
Phone:			FAX:		email:		
Technical Contact:			Title:				
Phone:			FAX:		email:		

Application Information

1. Fluid Name or Description	<input type="text"/>	Hazardous?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
2. Fluid Temperature Range	<input type="text"/>	Units:	<input type="checkbox"/> °F	<input type="checkbox"/> °C	
3. Fluid Density Range	<input type="text"/>	Units:	<input type="text"/>		
4. Fluid Pressure Range	<input type="text"/>	Units:	<input type="text"/>		
5. Fluid Flow Rate (Min/Max)	<input type="text"/>	Units:	<input type="text"/>		
6. Ambient Temperature Range	<input type="text"/>	Units:	<input type="checkbox"/> °F	<input type="checkbox"/> °C	
7. Have you ordered a Densitrak Meter Previously from Calibron, Honeywell, or A.F.T.?			<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unknown
If Yes, what Model Number?		<input type="text"/>			

System Characteristics / Specifications

1. Fluid Sampling Method [Inline, Bypass, Side Stream (off line or tank), etc]?	<input type="text"/>				
2. Line Size. Main Line:	<input type="text"/>	Bypass Line:	<input type="text"/>	Units:	<input type="text"/>
3. Fluid Line Orientation [Horizontal, Vertical, Other]?	<input type="text"/>				
If Other, Please Specify: <input type="text"/>					

Environmental Characteristics

1. Location of Density Meter: Indoors Outdoors Covered Uncovered

2. Area Classification for the Sensor:

Class I, Div. I, Group C, D NEMA 4 IP 66

Class I, Div. II, Group E, F, G IP 56 Other:

3. Area Classification for the Electronics:

Same as Sensor Classification Class I, Div. I, Group C, D Class I, Div. II, Group E, F, G

NEMA 4 IP 66 IP 56 Other:

4. If possible, detail the location and installation configuration of the meter:

Electronics Options

1. Will you be using a FLOW COMPUTER with the Densitrak Density Meter? Yes No Unknown
2. What type of signal do you want OUTPUT from the Density Meter electronics? Frequency 4-20mA Analog
3. Do you require an Electronics Enclosure Remotely mounted from the Density meter sensor? Yes No
4. Do you require an integrated LCD display? Yes No Unknown
5. Specify your desired COM protocol (RS232, WiFi, USB, etc).

General Information about electronics options:

1. If a customer is using a Flow Computer, such as an OMNI, then the electronics configuration for the Densitrak is usually a "Frequency Output" model. The customer simply connects the Frequency output of the meter to the OMNI and programs the OMNI with the Factory supplied calibration coefficients.

2. The default configuration for the Densitrak density meter is to have the electronics mounted integrally on the meter housing. However, in some installations it may be necessary to mount the electronics enclosure in a remote location via cable interconnect.

3. Some customers prefer a local LCD display as well as an analog 4 - 20 mA output for density. The local LCD panel typically displays live fluid density, fluid temperature, meter oscillation frequency, and line pressure (if an external pressure sensor is connected to the meter).

4. Communications protocol vary from customer to customer - the default configuration for the Densitrak Density Meter is RS232.

Feel free to contact Analytical Flow Technologies Engineers with any questions regarding electronics options.

Please provide any additional information or a sketch of your system that you believe will be useful to A.F.T. engineers in providing you an accurate quote for your application.

If there are any items in this questionnaire that you are unsure of - please leave blank, or contact A.F.T. Engineers at 480-443-0168 for assistance.

A.F.T. engineers are dedicated to providing the best meter for your specific application.

For Representative Use Only:

Sales Agency/Representative:

Sales Person:

Phone FAX E-mail