malema sensors

Flow Meter Application Sheet:

Name:_____ Title: _____ Phone:_____
Company:_____
Address: _____
Fax:_____ Email:_____
RFQ # _____

1. Instrument Tag: _____
2. Fluid Name: Water ☐ Air ☐ Other _____ Gas/Liquid Specific gravity_____
3. Fluid: Clear to Translucent (can see through or into)☐ Dark or Opaque ☐
4. Operating Pressure (Inlet): Min _____Normal _____Max_____ PSIG☐ KG/CM^{2}G ☐ Other_____
5. Operating Pressure (outlet): Min _____Normal _____Max_____ PSIG☐ KG/CM^{2}G ☐ Other_____
6. Max. Diff Pressure Allowed: _____ PSI ☐ KG/CM^2 ☐
7. Operating Temperature: Min _____Normal _____Max_____ Deg F☐ DEG C ☐ Other_____
8. Ambient Temperature: Min _____Normal _____Max_____ Deg F☐ DEG C ☐ Other_____
9. Operating viscosity: _____ Cp ☐ Cst ☐ SSU ☐ Other_____, at DEG F ☐, Deg C ☐
10. Flow Range: Min _____Normal _____Max_____
11. Preferred Units: Liquid: CCM ☐,LPM ☐,LHP ☐, US GPM ☐, US GPH ☐, M3/hr ☐, Other:_____
    Gas: SCCM ☐ , NLPM ☐, NLPH ☐, SCFM ☐, SCFH ☐, Nm3/hr ☐, Other:_____
    For Mass Flow: Kg/hr ☐, Kg/min ☐, T/hr ☐, lb/min ☐, lb/hr ☐, Other:_____
12. Standard Scale: Yes ☐ , No ☐ (To Correct the for fluid specific gravity, viscosity, temperature & Pressure)
13. Suspended Solids: Yes ☐, No ☐, %_____, Screened to _____Mesh, Filtered to _____ Microns
14. Purpose of Flowmeter: Indication: Flow rate ☐ , Totalized flow ☐ , Display: Local ☐, Remote ☐
    Transmission:4-20mA☐ , 0-10Vdc ☐ , 1-5 Vdc ☐, Pulse ☐ , Not Required ☐
    Flow Alarm Switch: High☐ _____, Low ☐ _____ , SPST ☐, SPDT ☐, Rating _____
    Batch Control: Manual ☐, Semi-Automatic ☐, Automatic ☐
15. Available Power Supply: Not Applicable ☐, 120 Vac ☐, 240 Vac ☐, 12 Vdc ☐, 24 Vdc ☐, Other _____
16. Preferred Connection: Size:_____ Rating:_____
17. Pipe Information: Size:_____ Material:_____ Schedule:_____
18. Flow Regulating Valve: Not Required ☐, At the meter inlet ☐, At the meter Outlet ☐
19. Constant Flow Controller: Not Required ☐, At the meter inlet ☐, At the meter Outlet ☐
20. Wetted Parts Material: _____
21. Material to avoid: _____
22. Accuracy required: _____ % of Rate ☐, % of Full Scale ☐
23. Mounting Orientation: Vertical ☐, Horizontal ☐, if horizontal flow to left ☐ or flow to right ☐
24. Mounting Preference: In-line ☐, Insertion ☐, Clamp-on ☐, Panel (back connection) ☐, Other_____
25. Electrical Classification: Non exproof ☐, Exproof ☐, if exproof area, classified to _____
26. Installation: Indoor ☐ Protection Class _____, Outdoor ☐ Protection Class _____
27. Description of the Application: _____
    _____
28. Currently using Flowmeter for this application: Yes ☐, No ☐. If yes please specify make _____ model _____
    Problem experienced:_____

If you would like to sketch the application please use the space below:

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