



ORION
INSTRUMENTS
A Magnetrol Company

Atlas®
with Transmitters, Switches, Accessories
Level Application Questionnaire

DATE _____

RFQ# _____

Customer Information

Company/Contact/Title _____
E-mail _____ Phone _____ Fax _____

Design Conditions

Proposed Model Number(s) _____
Process Media _____ Steam Present Suspended Solids Percentage _____
Minimum S.G. _____ Constant Changing Range _____
Interface Service Upper/Lower Liquids and S.G.s _____
Temperature Operating _____ Design _____ Ambient _____
Pressure Operating _____ Design _____
Does liquid boil or flash? Yes No
Area Classification GP Hazardous Cl _____ Div _____ Grp _____
Agency Approval Required None FM CSA CENELEC ATEX Other _____

Gauge Specifications

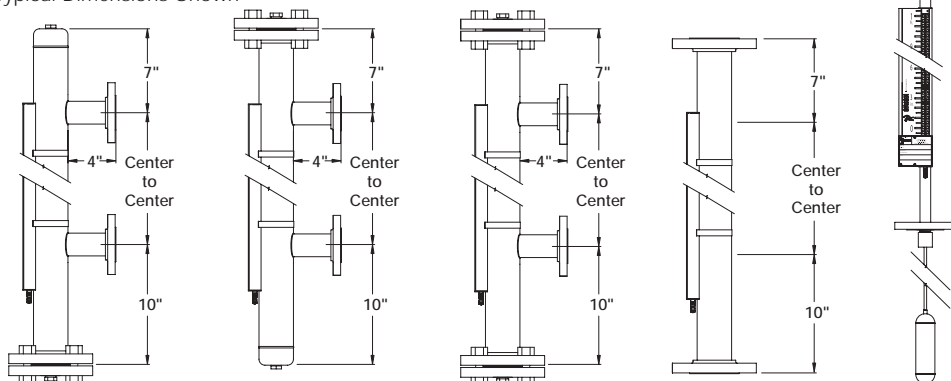
Materials of Construction Chamber _____ Process conns _____ Float _____ Internal Coating? _____
Process Connections Size _____ Type _____ Rating _____
If flanges required: Gasket Surface _____ Slip-on Weldneck Other _____
Process connection centerlines _____ Indication or measurement range _____
Vent/Drain Conn: 1/2" (F) NPT w/plugs standard If other, please specify _____
Indicator/Scale Flag Shuttle Ruler No Yes
Ruler units of measure: in./ft. Running in. cm/m Percent Other _____
Atlas Mounting Configuration Top Top with stilling well Side/side Side/bottom
 Top/side Top/bottom Other
Construction Design Code Standard NACE ASME B31.3 ASME B31.1 Other _____

Accessories

Transmitter External reed chain Top mount ext. magnetostrictive Bottom mount ext. magnetostrictive
Switch(es) Reed, 1 amp SPDT Snap, 10 amp DPDT Pneumatic
Valves Vent Drain Isolation
Type _____ Material _____ Model _____
Insulation High temp. (up to +500 °F (+260° C)) High temp. (up to +501 to +1000 °F (+261 to +538° C)) Cryogenic
Heat Trace Steam Electric Supply Voltage _____ Temp to maintain _____ Thermostat

Common Configurations

Typical Dimensions Shown



Application Sketch



6646 Complex Drive • Baton Rouge, Louisiana 70809 • 225-906-2343 • Fax 225-906-2344
www.orioninstruments.com

BULLETIN: ORI-340.0
EFFECTIVE: December 2002