ORION INSTRUMENTS
AMETEK

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: ½" (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 _____

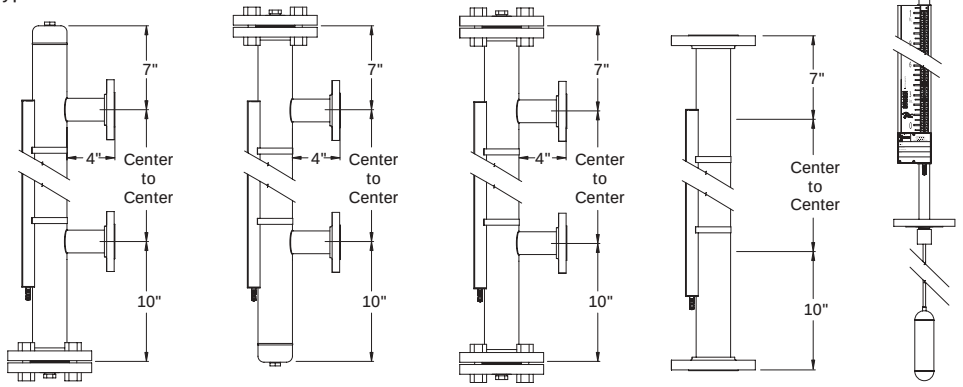
Insulation ☐ High temp. (up to +500 °F (+260° C)) ☐ High temp. (up to +501 to +1000 °F (+261 to +538° C)) ☐ Cryogenic

Heat Trace ☐ Steam ☐ Electric ☐ Thermostat

For Electic Heat Trace Applications, please complete form ORI-345.0

Common Configurations

Typical Dimensions Shown



Application Sketch

For Top Mount Applications, also complete Bulletin: ORI-

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