ORION INSTRUMENTS
AMETEK

Aurora® / Gemini™

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 S.G.s _____ / _____ Dielectrics _____ / _____

Interface Emulsion Layer ☐ No ☐ Yes Thickness _____

Temperature Operating _____ Design _____ Ambient _____

Pressure Operating _____ Design _____

Does liquid boil or flash? ☐ Yes ☐ No

Area Classification ☐ GP ☐ Hazardous ☐ Cl ___ Div ___ Grp ___ ☐ EP ☐ NI ☐ IS

Agency Approval Required ☐ None ☐ FM ☐ CSA ☐ 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 ☐ Yes ☐ No

Ruler units of measure: ☐ In/Ft ☐ Running in. ☐ cm/m ☐ Percent ☐ Other _____

Aurora Mounting Configuration ☐ Side/side ☐ Side/bottom ☐ Other

Gemini Mounting Configuration ☐ 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 mt 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)) ☐ Cryogenic

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

Heat Trace ☐ Steam ☐ Electric ☐ Thermostat

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

Eclipse Guided Wave Radar Specifications

Proposed Model Number(s) _____

Process Liquid Dielectric _____ ☐ Constant ☐ Changing Range _____

Viscosity _____ at what temperature _____

Media will coat probe ☐ Yes ☐ No ☐ Film ☐ Bridging ☐ Solids

Signal Output ☐ 4-20 mA ☐ HART ☐ Digital display ☐ Foundation Fieldbus

Transmitter enclosure ☐ Cast aluminum ☐ 316 SS ☐ Integral ☐ Remote ☐ 3/4" NPT ☐ M20

Probe Type ☐ Coaxial ☐ Single ☐ Twin rod ☐ Overfill ☐ HTHP ☐ HP ☐ Steam ☐ Interface

O-ring Material ☐ Viton GFLT ☐ EPDM ☐ Kalrez 4079 ☐ Aegis PF 128 ☐ None

With respect to the top of the indicator or measuring range:

Max. Level _____ Normal Level _____ Min. Level _____

ORION INSTRUMENTS

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