

VEGAMAG 82: Dual Chamber Magnetic Level Indicator

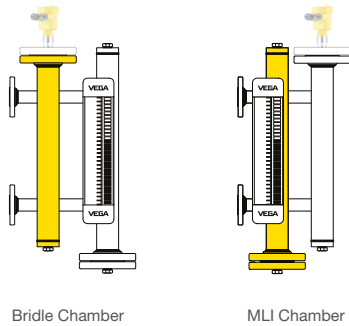
Company Name: _____ Contact Name: _____
 Tag Number(s): _____ Contact Phone: _____
 Contact Email: _____

Design Conditions

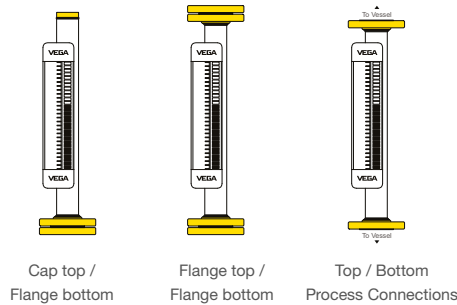
1. Process Liquid(s): _____ Level to Measure: Overall level Interface level Both (2 floats)
 2. Specific Gravity: _____ 2nd Liquid (only required if measuring interface): _____
 3. Process Temperature: Min: _____ Operating: _____ Design: _____ °F °C
 4. Process Pressure: Min: _____ Operating: _____ Design: _____ psi bar
 5. Liquid Condition: Calm Flashing (enlarged chamber with float guide rods recommended)
 6. Select if these conditions apply: Steam Boiling/Flashing Media Build-up

Chamber Arrangement

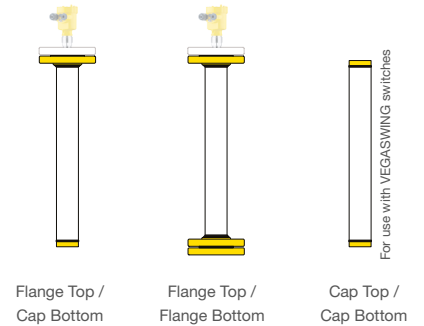
7. Which chamber will be closest to the vessel?



8. Select the MLI Chamber Configuration



9. Select the BRIDLE Chamber Configuration



Chamber Design Details

10. Process Connection to Vessel
 Size/Rating: _____ Flange NPT FNPT Other _____
 Center to Center Dimension (or Face to Face): _____

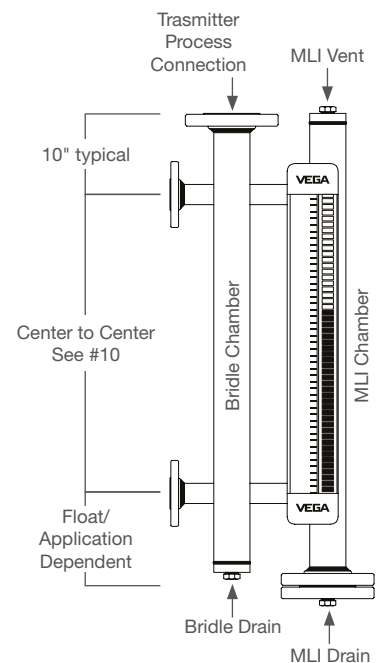
11. MLI Chamber Information
 Material: 316 SS 304 SS Hastelloy C276 Other _____

12. Connection Between Bridle Chamber and MLI: Pipe (std.) Flange Valve

MLI Data

13. Vent/Drain Information
 Vent Type: NPT plug Flange Valve _____ Other _____
 Size: _____
 Drain Type: NPT plug Flange Valve _____ Other _____
 Size: _____

14. MLI Scale: ft/in m/mm percent (%)
 15. MLI Flag Color: yellow/black (std.) red/white

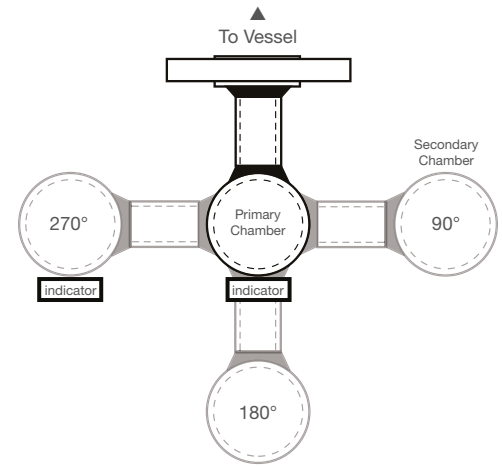


Bridle / Chamber Data

16. Level Instrument Process Connection Flange (top of Bridle)
 Size: 2" (std.) 3" No Preference (VEGA to specify) Other _____
 Rating: _____
17. Vent/Drain Information
 Vent Type: NPT plug Flange Valve _____ Other _____
 Size: _____
 Drain Type: NPT plug Flange Valve _____ Other _____
 Size: _____

Level Instrument

18. VEGA Level Instrument: VEGAFLEX Guided Wave Radar Transmitter
 VEGAPULS Non-Contact Radar Transmitter
 VEGASWING Vibrating Switch
 Other _____
19. Area Classification: N/A Div. 2 (NI)
 Div. 1 (IS) Div. 1 (XP) Div. 1 (XP-IS)



Select Orientation

20. Secondary Chamber Orientation: 90° 180° 270°
 21. Indicator (Flag) Orientation: 90° 180° 270°

Primary chamber refers to the chamber closest to the vessel (refer to #7 on page 1)

Special Requirements

22. Design & Construction
 Construction Code ASME B31.3 ASME B31.1 ASME U-Stamp ASME S-Stamp
 Regulatory Compliance CRN (for Canadian destination, please provide Province) _____
23. Compliance with End User Specifications:
 Piping/Welding Yes (please provide document)
 Painting/Coating Yes (please provide document)
 Other _____
24. Chamber Insulation Jacket: Yes, for Personnel Protection (high temp) Yes, for process temperature regulation
25. Heat Tracing: Steam Tracing Electric Heat Tracing (additional information will be requested)

Testing

- Hydrostatic test (Standard - check box if certificate required)
 PMI (Positive Material Identification)
 X-Ray Testing: Percent Required _____
 Dye Penetrant Weld Testing
 NACE Hardness Compliance Test
 Other Testing _____

Documentation

- CMTR
 NACE Material
 Weld Procedures
 Other Documentation

Additional Notes