

VEGAMAG 82: Dual Chamber Magnetic Level Indicator

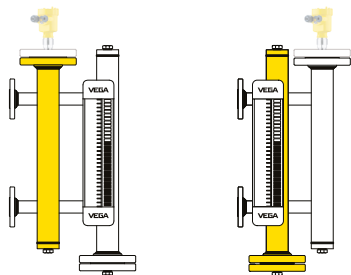
Company Name: _____ Contact Name: _____
 Tag Number(s): _____ Contact Phone: _____
 Contact Email: _____

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

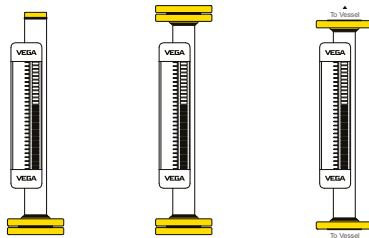
7. Which chamber will be closest to the vessel?



Bridle Chamber

MLI Chamber

8. Select the MLI Chamber Configuration

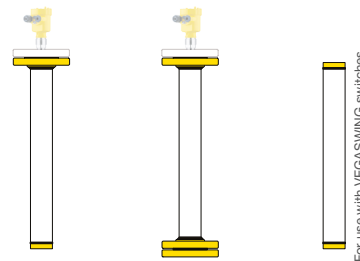


Cap top /
Flange bottom

Flange top /
Flange bottom

Top / Bottom
Process Connections

9. Select the BRIDLE Chamber Configuration



Flange Top /
Cap Bottom

Flange Top /
Flange Bottom

Cap Top /
Cap Bottom

Chamber Design Details

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

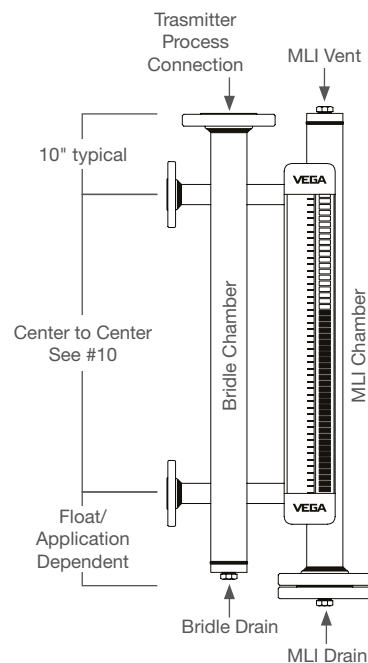
11. MLI Chamber Information
 Material: 316 SS 304 SS Hastelloy C276 Other _____

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

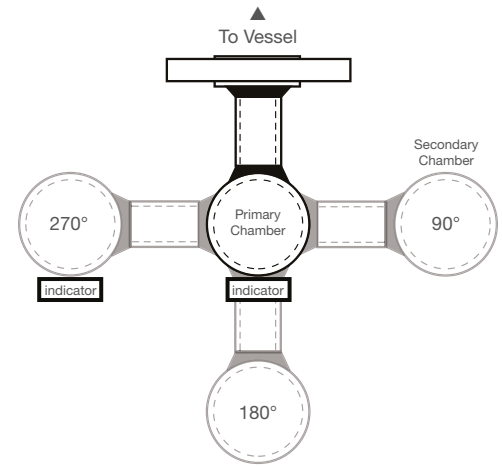


Bridle / Chamber Data

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