Application Data Sheet | Date: _____

VEGAMAG 82: Dual Chamber Magnetic Level Indicator

Company Name: _____ Contact Name: _____

Tag Number(s): _____ Contact Phone: _____

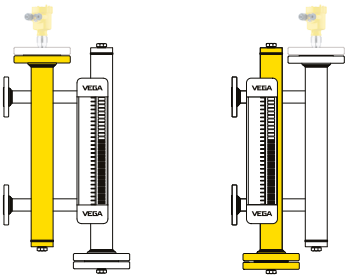
Contact Email: _____

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

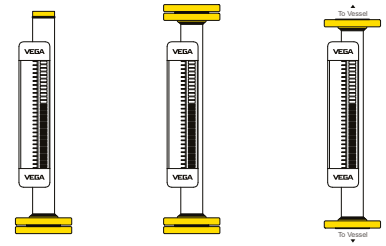
Chamber Arrangement

7. Which chamber will be closest to the vessel?



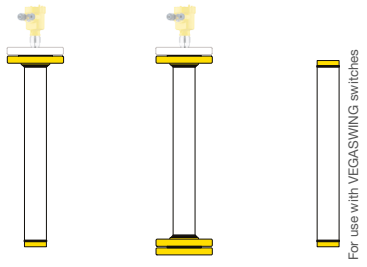
Bridle Chamber ○ MLI Chamber ○

8. Select the MLI Chamber Configuration



Cap top / Flange bottom ○ Flange top / Flange bottom ○ Top / Bottom Process Connections ○

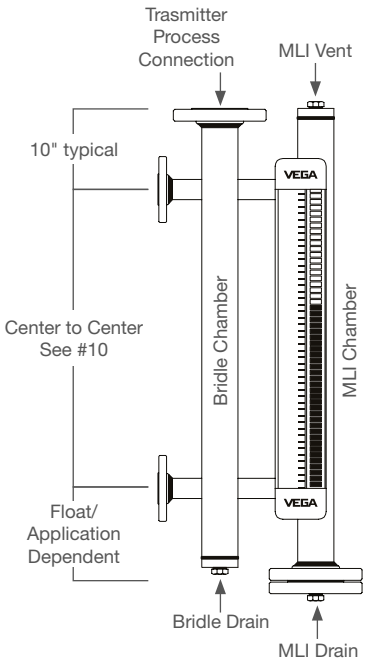
9. Select the BRIDLE Chamber Configuration



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

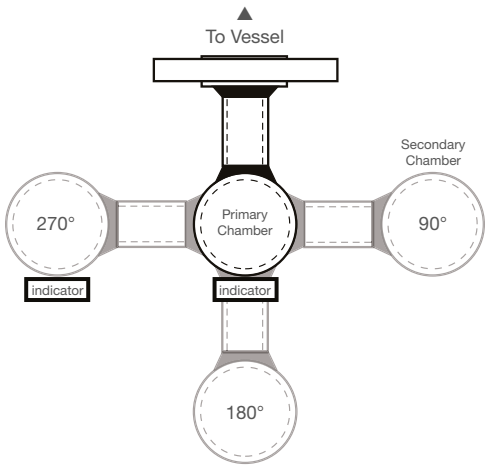
16. Level Instrument Process Connection Flange (top of Bridle)
    Size: ○ 2" (std.) ○ 3" ○ No Preference (VEGA to specify) ○ Other _____
    Rating: _____

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

39992-US-240812