

VEGAPASS 81

Bridle Series



Thorne & Derrick
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General

Chamber Configuration See chart on back

Materials

- Chamber A105 CS (Std.), 304 SS, 316 SS, Monel, Titanium, Hastelloy C, CPVC, Custom

Chamber Size

1 1/2", 2" (Std.), 2 1/2", 3", 4", Custom

Flange Class

ANSI 150#, 300#, 400#, 600#, 900#, 1500#, 2500#

Vessel Connection

1/2", 3/4", 1", 1 1/4", 1 1/2", 2" (Std.), 2 1/2", 3"

Top Connection

1", 1 1/2", 2" (Std.), 2 1/2", 3"

Transmitter Options

VEGAFLEX 81, VEGAFLEX 82, VEGAFLEX 83, VEGAFLEX 86, VEGAPULS 62, VEGAPULS 63, VEGAPULS 66

Vent/Drain

NPT Drain only, Side Vent and NPT Drain, Bleed Ring Vent and NPT Drain

Mechanical

Weight

Application dependent

Overall Lengths

Up to 50' (15 m) Consult factory for lengths over 50'

Accuracy

± 0.1" (±2 mm)

High Temperature Options

Insulation blankets, electric heat tracing, cryogenic insulation, and freeze protection, etc.

Bridle Models and Versions

The VEGAPASS 81 is manufactured to meet a wide range of pipe specifications. The VEGAPASS 81 uses either the VEGAFLEX series of guided wave radar or the VEGAPULS series of non-contact radar if required. The VEGAPASS 81 is a non-mechanical level system that provides a direct reading of the liquid level using the radar energy contained within the chamber. It is unaffected by specific gravity, temperature, or pressure, which may cause problems with other mechanical devices that rely on a stable liquid density.

Features

- Radar or guided wave radar transmitter
- Complies with IEC 61508, IEC 61511, and SIL 2 standards
- HART, Foundation Fieldbus, and Profibus PA outputs available
- Dk less than or equal to 1.4
- Wide variety of materials
- Fabricated to ASME 31.1/31.3 standards

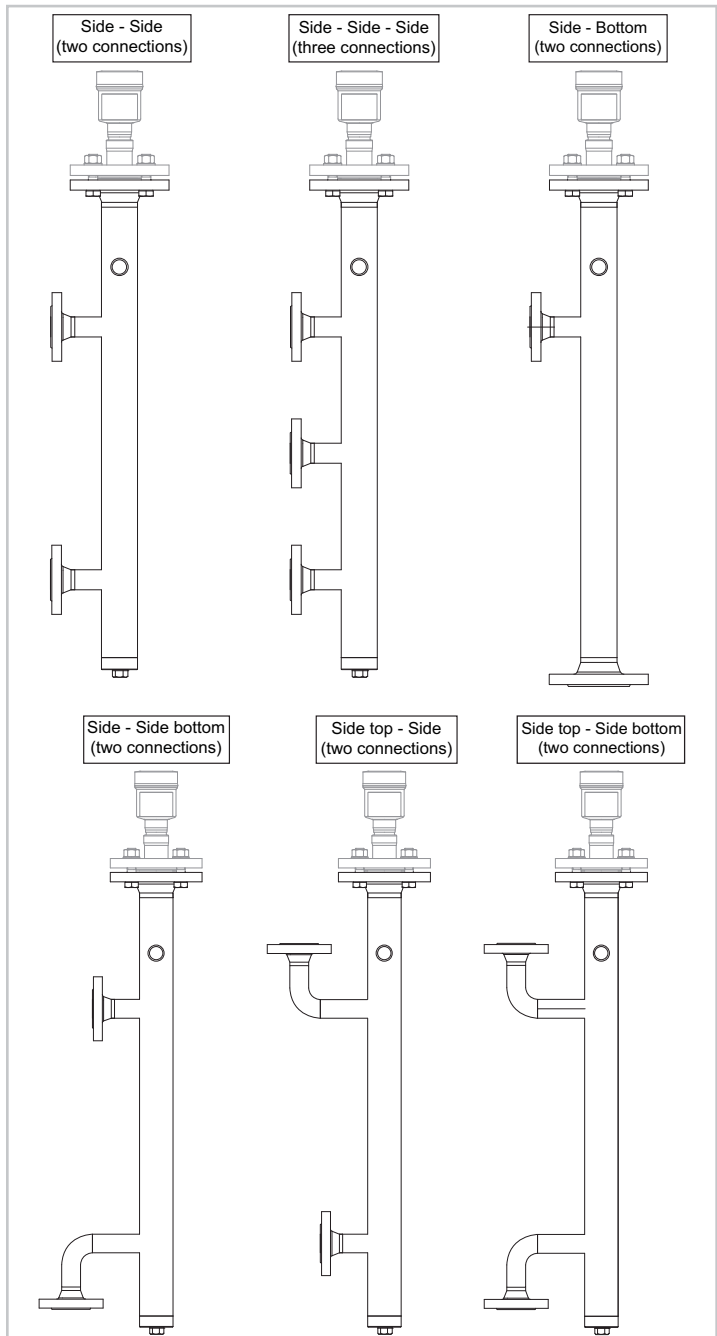
Approvals

This instrument is suitable for use in hazardous areas and is approved according to ATEX, FM, CSA, NACE, CRN, and IEC standards.

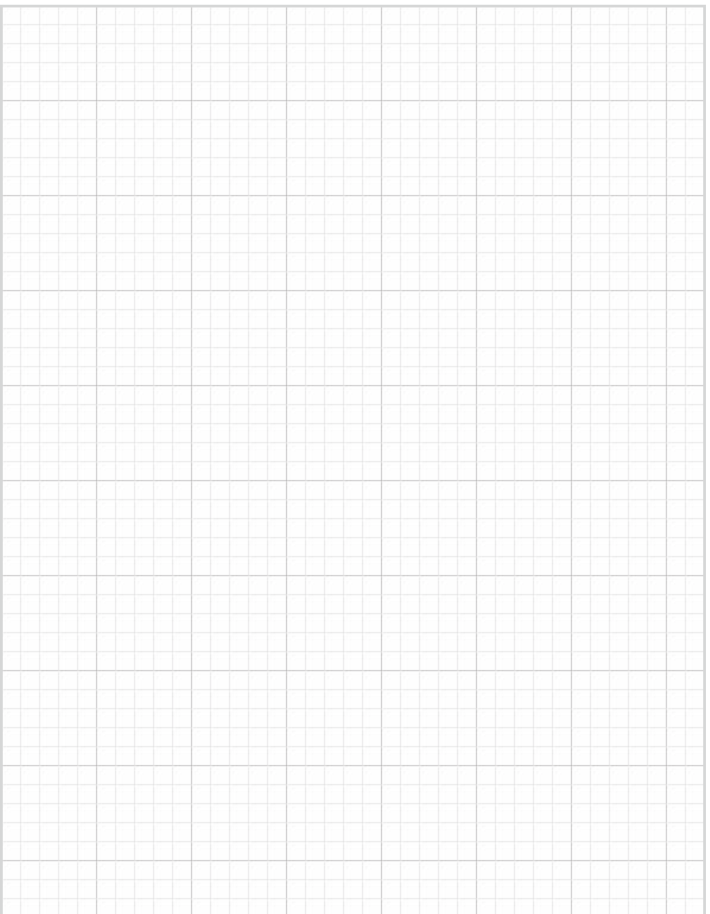
Environmental

Process Temperature Transmitter: -196° to 450°F (-320° to 842°C)

Bypass Chamber Configuration



Application Grid



Information

Further information about VEGA products is available at www.vega-americas.com.



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