VEGAMAG 82

Magnetic Level Indicator

The VEGAMAG 82 combines the benefits of the VEGAMAG 81 magnetic level indicator, VEGAPASS 81 bridle chamber, and the proven technology of the VEGAFLEX to provide the most complete visual and guided wave radar package in the industry. This offering includes mounting configurations for most standard tank process connections. If interface measurements are required, additional process connections can be provided to ensure the most accurate measurements.

Features

- VEGAFLEX transmitter options
- Innovative flag design maximizes magnetic field
- Wide flags for enhanced indicator view
- Corrosion-resistant moving parts
- Wide variety of materials
- Fabricated to ASME 31.1/31.3 standards
- Dual chamber design
- Glass or impact resistant poylcarbonate indicator window

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: -320° to 842°F (-195° to 450°C)
Process Pressure	Full vacuum to 5,800 psi (400 bar)
Specific Gravity Range	As low as 0.35 S.G.

General

Chamber Configuration	
Materials	
- Chamber	304/L, 316/L, 317, 321, 347, stst Monel, Titanium, Hastelloy C, Custom
- Float	316 SS (Std.), Titanium, Hastelloy
Chamber Size	2”, 2 1/2”, 3”, 4”, Custom
Flange Class	ANSI 150#, 300#, 400#, 600#, 900#, 1500#, 2500#
Vessel Connection	1/2”, 3/4”, 1” (Std.), 1 1/4”, 1 1/2”, 2”, 2 1/2”, 3” Schedule 10 and 40 extruded tee available
Top Connection	1/2”, 3/4”, 1”, 1 1/4”, 1 1/2”, 2” (Std.), 2 1/2”, 3”
Transmitter Options	VEGAFLEX 81, VEGAFLEX 83, VEGAFLEX 86,
Vent/Drain	Side Vent and NPT Drain, Bleed Ring Vent and NPT Drain

Mechanical

Weight	Application dependent
Overall Length	Up to 20’ (6 m) Consult factory for lengths over 20’
Temperature Options	Insulation blankets, electric heat tracing, cryogenic insulation, and freeze protection, etc.

Indication

Style	Wide Flag
Indicator Flags	Magnetically actuated high temperature stainless flags in yellow/black also other colors available
Scale Options	Etched stainless steel with either height, volume, or percentage units
Visual Indication	Easily visible from 200 feet

Information

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