

VEGAWELL 52

Suspended Pressure Monitor



OVERVIEW

The VEGAWELL 52 is a Suspended Pressure Monitor and is suitable for continuous level measurement of liquids.

The electronics are encapsulated in a stainless steel housing in protection class IP68 and IP69K, which provides reliable protection against external moisture for the electronics and measuring cell. The rugged sapphire ceramic measuring cell can withstand pressure shocks up to 60 times higher than the nominal measuring range and is characterized by high resistance to corrosion.

The VEGAWELL 52 is among the most cost-effective instruments for tank level indication, yet still offers the durability and reliability of the sapphire ceramic cell.

FEATURES

- **No fill fluid**
- **One part number** - no need to order multiple parts for different size tanks as cable can be cut to size
- **Multiple mounting configurations**
- **Sanitary connections**
- **Easy configuration** - no need to enter the tank
- **Enhanced chemical resistance**
- **Retrofits to most existing pressure measurement connections**
- **Sapphire ceramic CERTEC cell can take far greater overload pressure and retain its elasticity better than competing metal diaphragm pressure cells**

VEGAWELL 52 SPECIFICATIONS

Technical Data	
Pressure Measuring Range	+0.1 ... +60 bar/+10 ... +6000 kPa (+1.45 ... +870.2 psig)
Process Temperature	-20 ... +80 °C (-4 ... +176 °F)
Process Pressure	0 ... 25 bar / 0 ... 2500 kPa
Deviation	0.1 %
Smallest Measuring Range	+0.1 bar/+10 kPa (+1.45 psig)
Process Fitting	Straining clamp, threaded fitting unassembled from G1 (ISO 228-1) or from 1 NPT, thread G1½ (ISO 228-1) or from 1½ NPT on the housing
Ambient, storage, and transport temperature	-40 ... +80 °C (-40 ... +176 °F)
Materials	
Wetted Parts	PVDF, 316L, Duplex (1.4462), FEP, PE, 1.4301, Titanium
Process Seal	FKM, FFKM or EPDM
Housing Versions	The housing in protection rating IP66/IP67 is available in plastic or stainless steel precision casting.
Enclosure Rating	IP 68 (25 bar) or IP69K
Electrical	
Operating Voltage	9.6 ... 35 VDC
Output	4 ... 20 mA 4 ... 20 mA/HART - two-wire
Approvals	
Protection Rating	IP66/IP67, IP68
Scope	ATEX / Europe FM / USA IEC / worldwide CSA / USA and Canada
Explosion Protection	Intrinsic safety "i" Flameproof enclosure "d" Dust explosion protection through housing "t"
Ship Approval	ABS, BV, CCS, DNV, GL, LR, RINA
Overfill Protection	WHG