

VEGAPULS 66NA

Swivel and Sound Radar Indicator



OVERVIEW

The VEGAPULS 66 Swivel and Sounds Radar is well-suited for a wide variety of continuous level measurements in liquids. Typical applications are the measurement of liquids in storage and service tanks. The most common applications for the VEGAPULS 66 include:

- Fuel Oil
- JP-5 and JP-8
- Ballast Water
- Fresh Water
- Lube Oil
- Waste Oil

FEATURES

- High reliability through integrated overload system
- Measurement of very low differential pressures
- Multivariable sensor
- Variety of measuring ranges and process fittings
- Non-contact measurement
- Simple mounting
- Wear and maintenance-free
- Unaffected by pressure, temperature, gas and dust
- High accuracy

VEGAPULS 66NA SPECIFICATIONS

Technical Data	
Measuring Range	In standard 1 1/2 schedule 40 sounding tube: 0 to 25.6m (0 to 84 ft)
Measuring Interval	1 Second
Frequency	C-Band
Accuracy	Linear Error: ± 10mm (0.4")
Environmental	
Vessel Pressure	Sensor with Tube Adaptor: 30 psi
Operating Temperature	Housing: -40 °C to 71 °C
Mechanical	
Dimensions (W,D,H)	8 3/4", 6 7/8" , 16 1/4"
Weight	Radar Sensor: 3.0 kg (6.6 lbs) Sounding Tube Adaptor: 3.1 kg (6.8 lbs) Complete Sensor: 6.1 kg (13..4 lbs)
Mechanical Connection	Sounding Tube Adaptor: 1 1/2" 6 Bolt Navy Flange Radar Sensor Connection: Hardened Clamp fitting
	Threaded: Stub End:
	Threaded: Stub End:
Electrical	
Power Requirements	24 VDC (21 to 32 VDC)
Power Consumption	Max 240 mW
Current Consumption	Max 22mA
Electrical Connection	Cable Type : 0.12" to 34" diameter, 16 to 18 AWG shielded twisted pair cable recommended Cable Entry: Cable Gland
Materials	
Wetted Parts	Stainless Steel 316L , PTFE Teflon
Display	LCD in dot matrix
Antenna	PTFE Teflon with Viton seal
Sounding Tube Adaptor	316 Stanless Steel
Housing	PBT (Valvox) UV stabilized plastic
Approvals	
FCC	Part 15, no restrictions - no site license required
Military Approval	MIL-L-23886C (SH) ASTM-F2044-00
Shock	Grade A and MIL-S-901D
Vibration	MIL-STD-167-1