

# VEGAPULS 66

## Stilling Well Radar w/ PTFE Teflon Facing



### OVERVIEW

The VEGAPULS 66 Stilling Well Radar with PTFE Teflon Facing is well-suited for a wide variety of continuous level measurements in liquids where a stilling well is present. Typical applications are the measurement of liquids in storage tanks including vessels, reactors, or sumps. The most common applications for the VEGAPULS 66 include:

- Condenser Hot Well
- Condensate
- Fuel Oil
- Fresh Water
- Ballast Water

### FEATURES

- Non-contact measurement
- Simple mounting
- Wear and maintenance-free
- Unaffected by pressure, temperature, gas and dust
- High accuracy

# VEGAPULS 66 SPECIFICATIONS

Technical Data	
Measuring Range	0 to 25.6m (0 to 84 ft)
Measuring Interval	1 Second
Frequency	C-Band
Accuracy	Linear Error: ± 10mm (0.4")
Environmental	
Vessel Pressure	150 PSI
Operating Temperature	Housing: -40 °C to 71 °C Antenna: -40 °C to 150 °C
Mechanical	
Weight	Radar Sensor: 4.4 kg (9.8 lbs)
Mechanical Connection	Radar Sensor Connection: 2" 150# ANSI Flange
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	PTFE Teflon
Display	LCD in dot matrix
Antenna	PTFE Teflon with Viton seal
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, MIL-S-901D
Vibration	MIL-STD-167-1
EMI	MIL-STD-461/462 E