

# SPECIFICATIONS

## VEGAPULS 68



GENERAL		
FCC Approval	Part 15 without restrictions	No site license required
Frequency		K band
Wetted Parts		316 L and PTFE
Beam Angle	Parabolic Antenna:	4°
	Horn Diameter: 1.5" (40 mm)	22°
	Horn Diameter: 2" (48 mm)	18°
	Horn Diameter: 3" (75 mm)	10°
	Horn Diameter: 4" (95 mm)	8°
Fault Signal		User programmable
Display		LCD display in dot matrix
PLICS Compatible		YES
MEASURING PERFORMANCE		
Accuracy		+/- 15mm, 0.59"
Resolution		1 mm
Measuring Range		Max 230 ft
Measuring Interval		4 seconds
ELECTRICAL		
Supply Voltage	2 - wire sensor	15 to 36 VDC
	4 - wire sensor	20...72 V DC or 20...253 VAC
Power Consumption	4 - wire sensor	Max 4 VA, 2.1 W
Max Current	2 - wire sensor	22 mA
Load	2 - wire sensor	250 to 1000 Ohm
	4 - wire sensor	Max 500 Ohm
Max. Emitted Power		<25 mW EIRP
Signal Output Available		4...20mA/HART Profibus PA Foundation Fieldbus
ENVIRONMENTAL		
Vessel Pressure		(-14.5 to 580 psi) (-1 to 40 bar)
Ambient Storage Temp	PLICSCOM	- 4...158° F (-20...+70°C)
	w/ out PLICSCOM	- 40...176° F (-40...+80°C)
Process Temp		- 40...+392° F (-40...200°C)
MECHANICAL		
Weight	Thread	6.2...13.7 lbs
	Flange	11...37.9 lbs
Antenna		
Vibration Resistance		4g at 5...100Hz



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