

RADARPU* 26 GHZ RADAR LEVEL TRANSMITTER

Contactless continuous level measurement for solid products, liquids, pastes and sludge. 26GHz Radar pulses (K-band).



Versions	PU55	PU56	PU57	PU58	PU59	PU61
Applications	Level measurement for liquids, even aggressive and with non-heavy process conditions	Level measurement for liquids, with pressure and temperature limits in non-extreme process conditions	Level measurement for highly corrosive liquids and with non-heavy process conditions	Level measurement for granulates and powders in tanks with extreme process conditions	Level measurement for granulates and powders in tanks with extreme process conditions	Level measurement for liquids with non-heavy process conditions
Range Max m	10	30	20	70	15	30/70
Accuracy max mm	+/- 5	+/- 3	+/- 3	+/- 15	+/- 10	+/- 3 / 10
Emission angle	22°	D antenna: 48=18° 78=12° 98=8°	D antenna: DN50=18° DN80=12° DN100=8°	D horn: 48=18° 78=12° 98=8° 123=6° 198=5° 246=4°	D horn: 48=18° 78=12° 98=8° 123=6° 198=5° 246=4°	8°
Process connection	G 1"1/2 A	Flanged G 1" 1/2 A, NPT 1" 1/2	Flanged	Flange with pointing device G 1" 1/2 A	Flange with pointing device G 1" 1/2 A	Bracket
Horn materiale	PVDF/PTFE	STAINLESS STEEL AISI 316L / PTFE				PA66
Temperature Range °C	-40 ÷ +130	-40 ÷ +130, 60 ÷ +250, 60 ÷ +400	-40 ÷ +150	-40 ÷ +130, -60 ÷ +250	-40 ÷ +130, -60 ÷ +250	-40 ÷ +100
Pressure Range bar	-1 ÷ 3	-1 ÷ 40, 1 ÷ 400	-1 ÷ 5	-1 ÷ 40	-1 ÷ 40	Atmospheric
Frequency Range	26 GHz					
Power supply	24Vdc/230Vac					24Vdc/6÷24Vdc
Output	2/4 fili 4÷20mA, HART					2 fili 4÷20mA, HART
Enclosure	Aluminum					Polycarbonate
Protection	IP67					IP 68 / 66



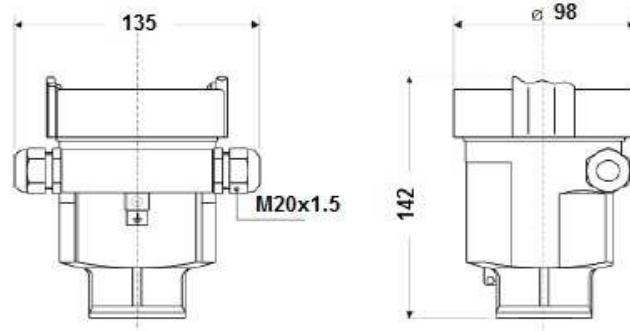
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Mail: info@satema.it <http://www.satema.it>

RADARPU* DIMENSIONS



Testa di connessione

PU55

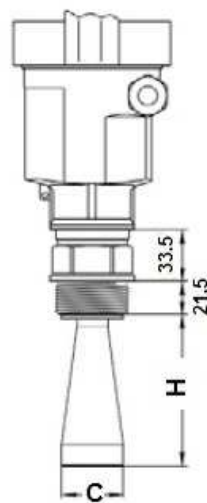
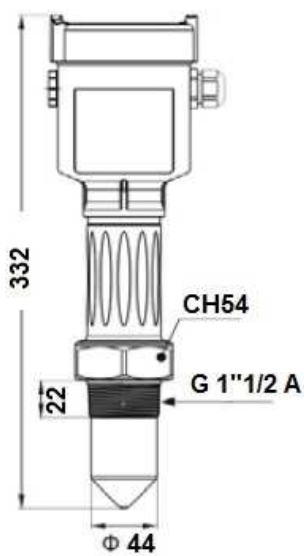
PU56/GB

PU56/GC

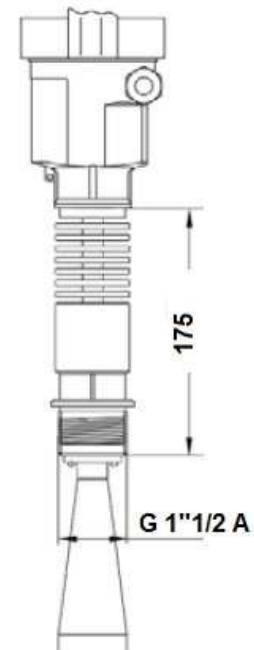
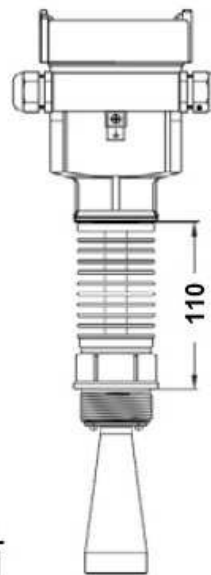
High Temp

PU56/GD

High Temp / Pressure



C	H 316L
(B) Diam. 48	140
(C) Diam. 78	227
(D) Diam. 98	288



PU57

	a	b	c
DN050 PN16	165	125	99
DN080 PN16	200	160	132
DN100 PN16	220	180	156



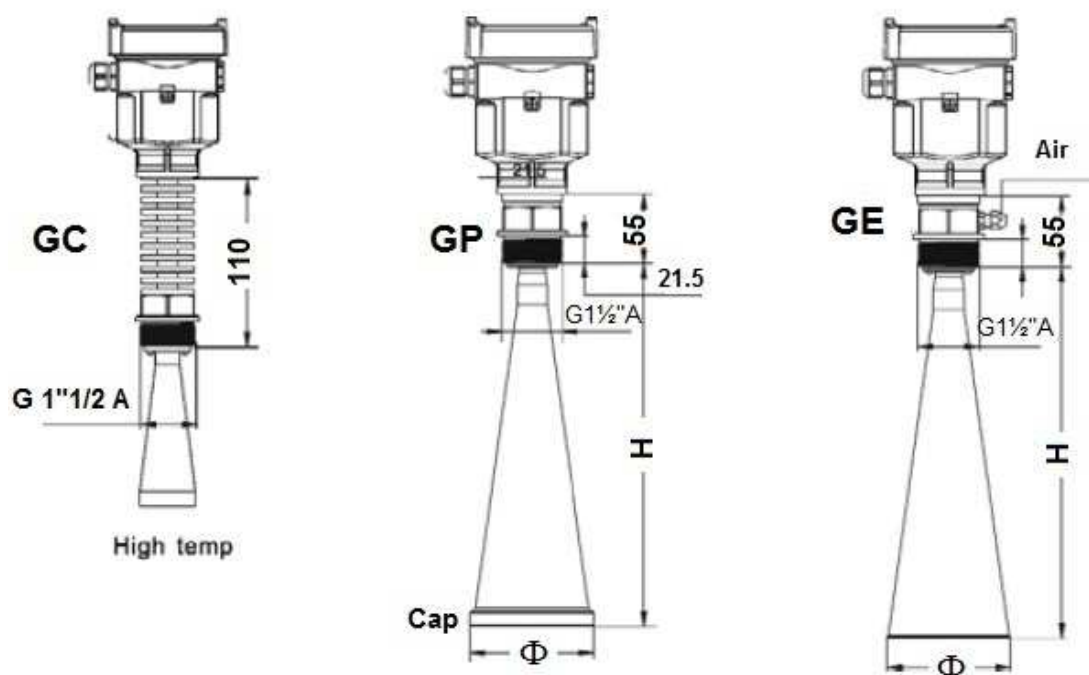
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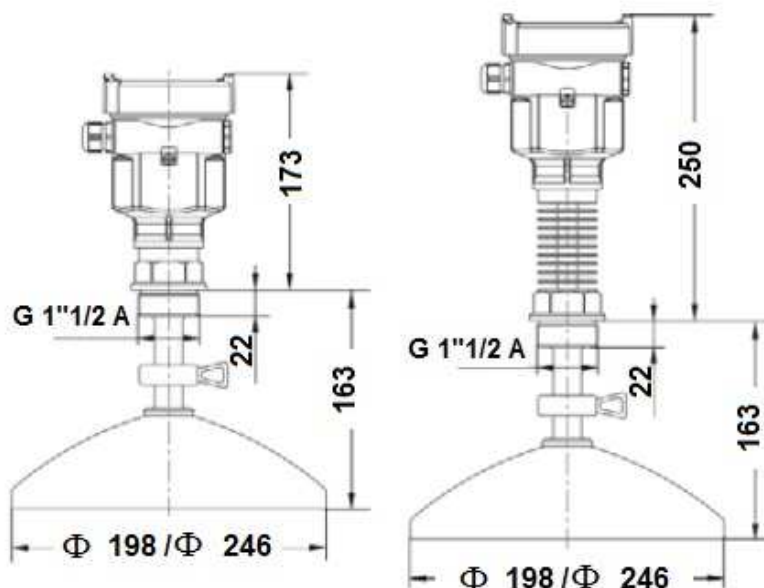
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PU58 PU59 VERSIONE FILETTATA



COD	Φ ANTENNA	H	MATERIALE	COD	Φ ANTENNA	H	MATERIALE
B	048	140	AISI316	J	123	620	AISI316
C	078	227	AISI316	M	098+cap	300	AISI316
H	098	288	AISI316	P	123+cap	625	AISI316



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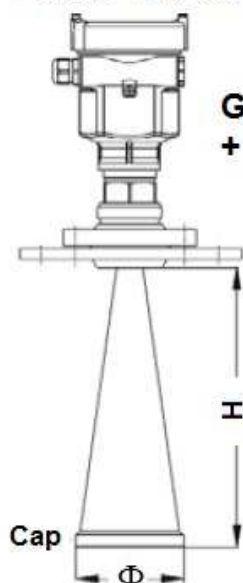
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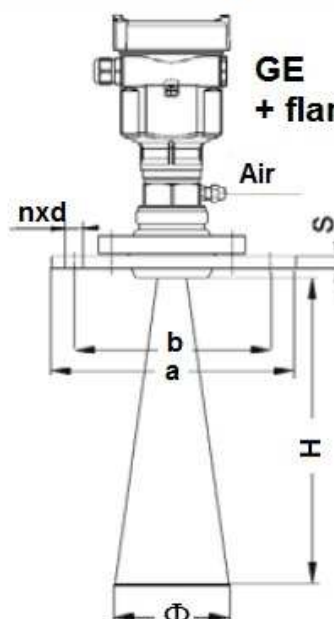
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RADARPU* DIMENSIONS

PU 58 - PU 59 a flangia con sistema puntamento

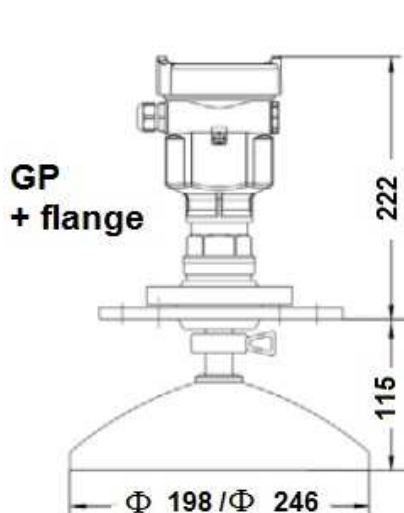


**GP
+ flange**

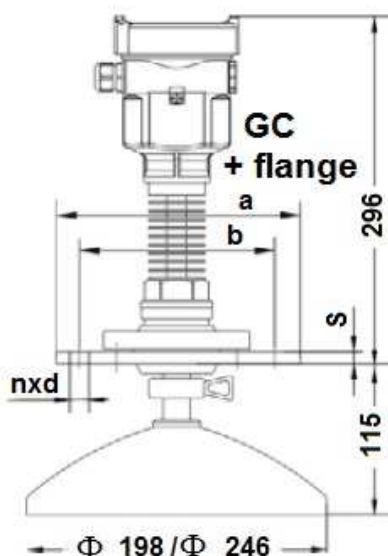


**GE
+ flange**

COD	Φ ANTENNA	H	MATERIALE	COD	Φ ANTENNA	H	MATERIALE
B	048	140	AISI316	J	123	620	AISI316
C	078	227	AISI316	M	098+cap	300	AISI316
H	098	288	AISI316	P	123+cap	625	AISI316



**GP
+ flange**



**GC
+ flange**

	a	b	s	d	dimensioni in mm
DN 50 / 2"	165	125	11.5	4 x d18	
DN 80 / 3"	200	160	11.5	4 x d18	
DN 100 / 4"	220	180	11.5	8 x d18	
DN 125 / 5"	250	210	11.5	8 x d18	
DN 150 / 6"	285	240	11.5	8 x d22	
DN 200 / 8"	340	295	11.5	12 x d22	
DN 250 / 10"	405	355	11.5	12 x d26	



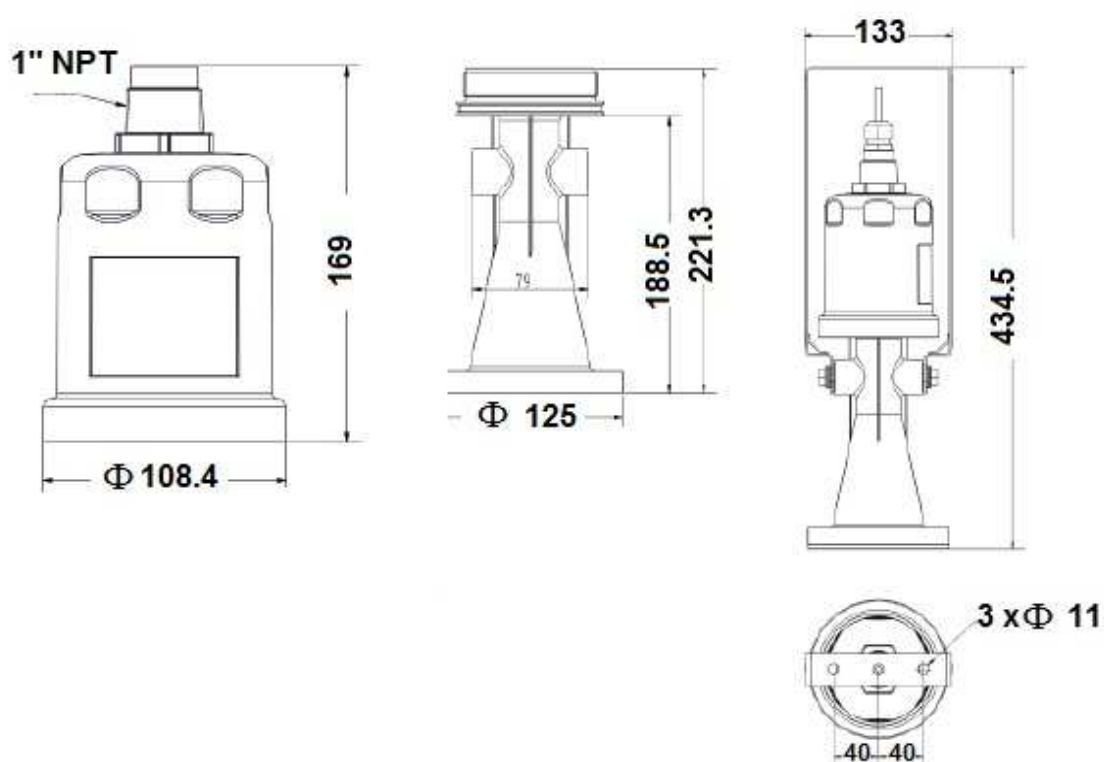
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PU61

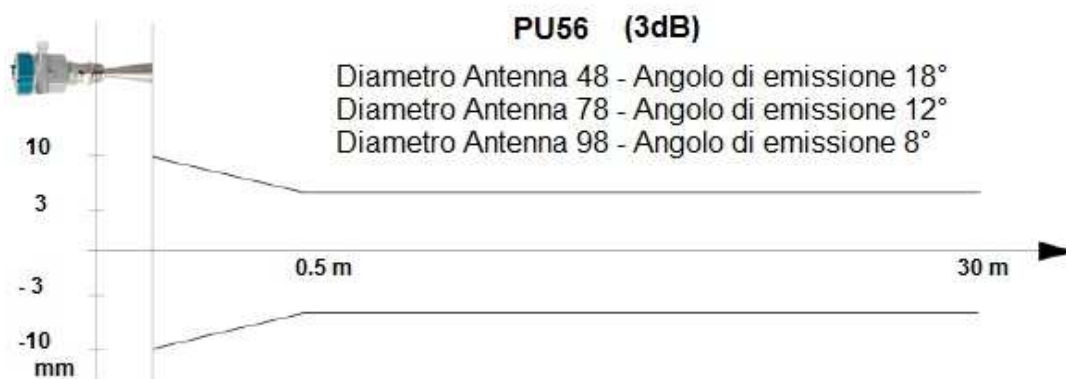
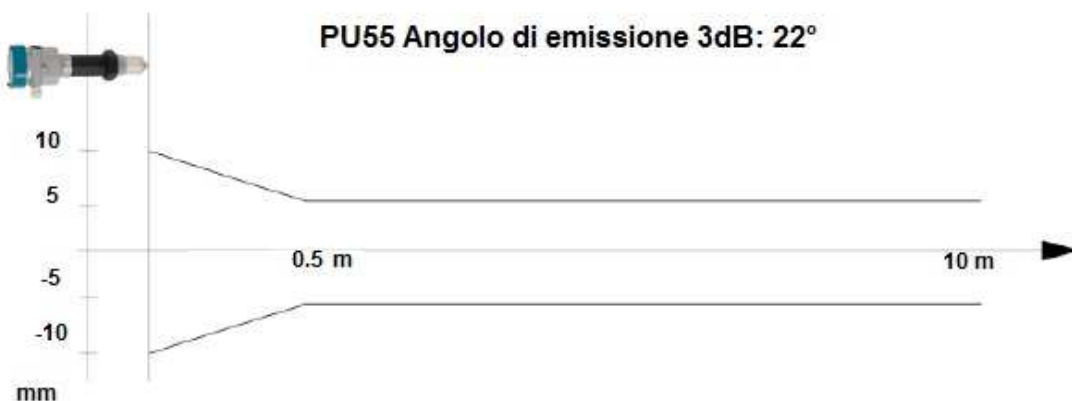


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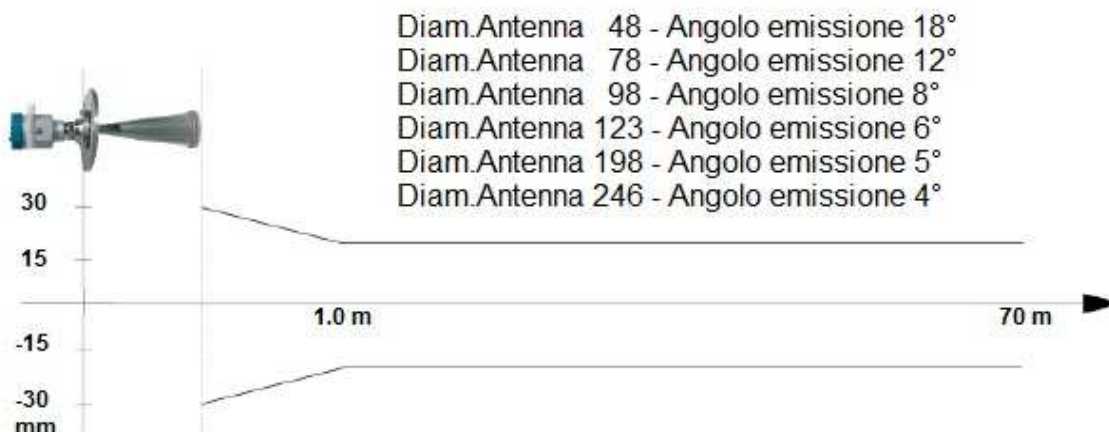
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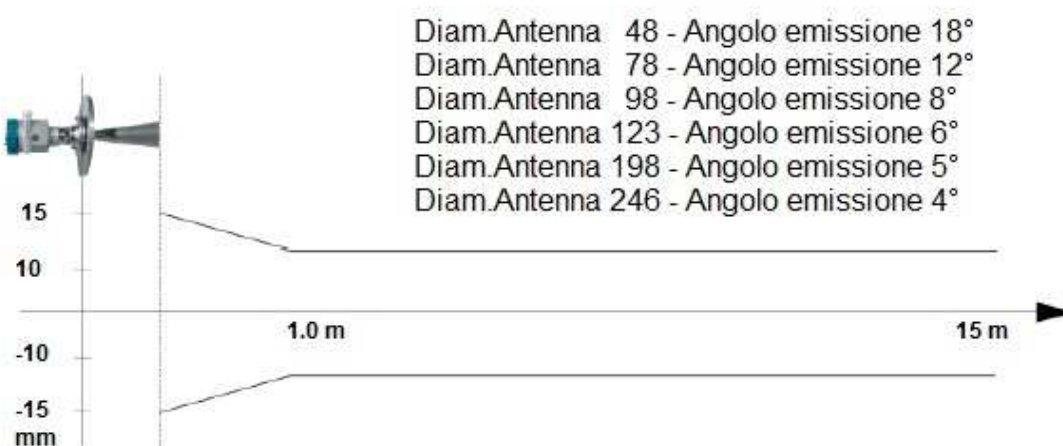
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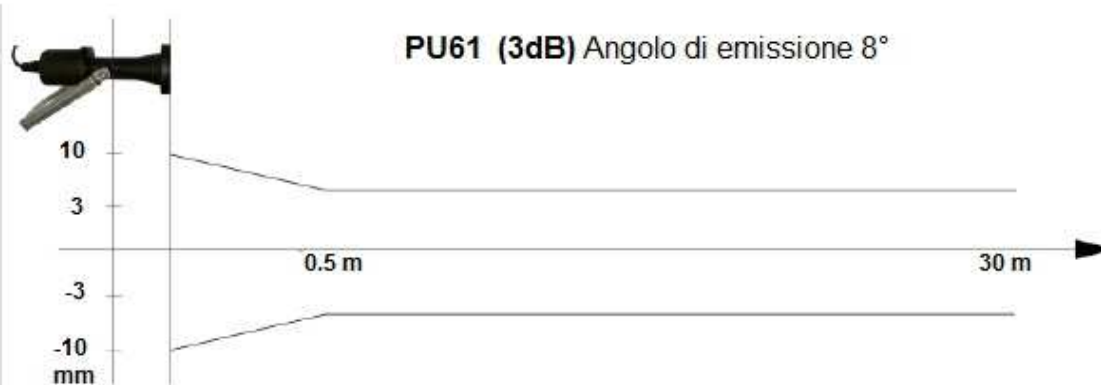
PU58 (3dB)



PU59 (3dB)



PU61 (3dB) Angolo di emissione 8°



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