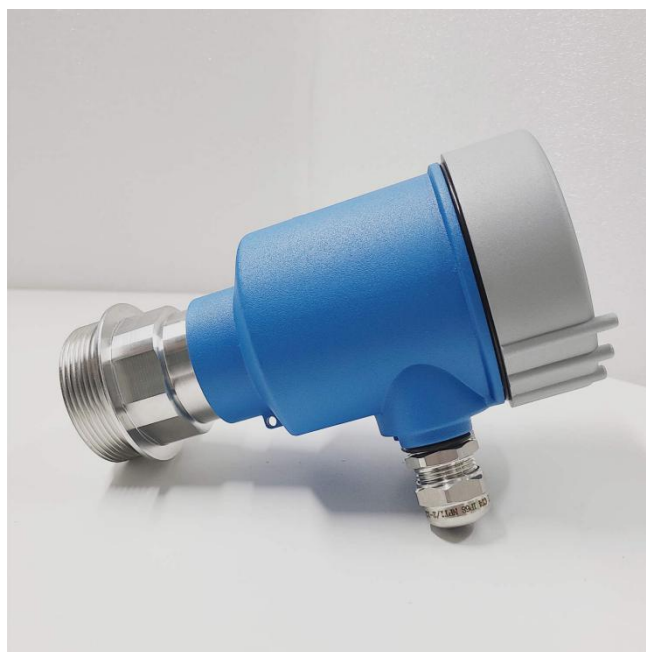




1. SK-R800NS 80GHz Radar Level Transmitter Aluminum Housing

The SK-R800NS is an 80GHz FMCW radar transmitter for continuous level measurement of various solids, storage tanks, silos, barns, stockpile etc.

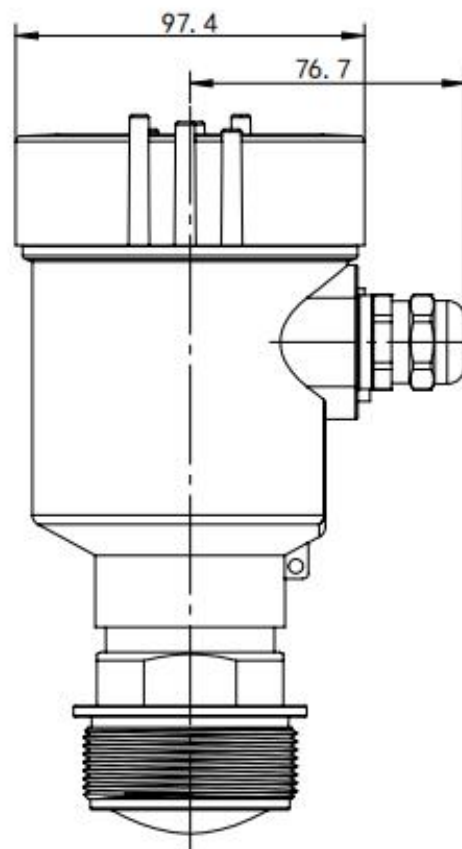
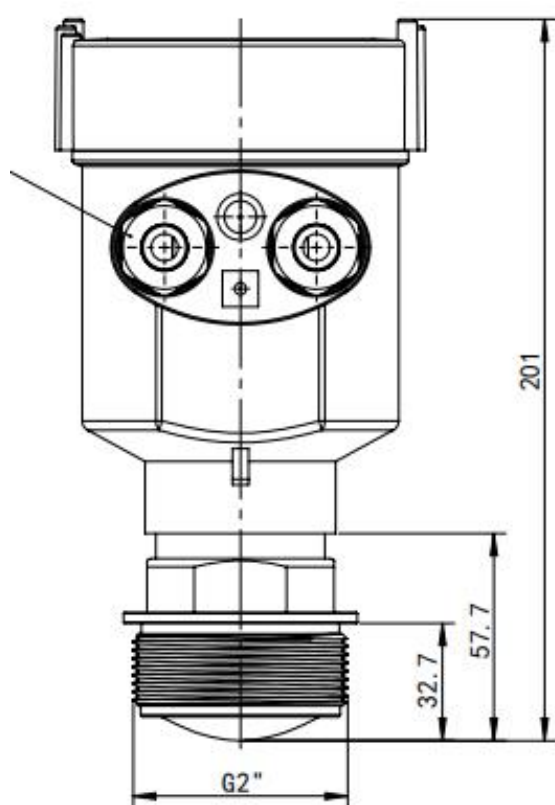
- * High frequency: 80GHz, signal more focused.
- * Accuracy: ± 2 mm (Blind Zone > 0.3m, damping=50)
- * PTFE sealed antenna, not affected by temperature, condensate water etc.
- * Beam angle: $\pm 2.9^\circ$ (G2").
- * G" thread connection, customized thread/flange available.





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Sizes:





Specification:

Model	SK-R800NS
Product Type	FMCW Radar Level Transmitter
Application	*Bulk solids *Storage Tanks *Silos, barns *Stockpiles *Large wastewater storage tanks
Frequency	77GHz-81GHz
Measurement Range	10M 20M 30M 50M 60M
Accuracy	±2mm (Blind Zone>0.3m, damping=50)
Beam Angle	±2.9° (G2")
Antenna Material	SS 304/Sealed PTFE
Process Connection	Default G2" Thread; Thread and flange customization can be fulfilled
Process Temperature	-30°C to 80°C
Process Pressure	Normal atmospheric pressure
Signal output	4-20mA/RS485(Mod-bus - RTU)/Hart
Power	Two-wire DC 24V (22V~30V)
Protection	IP67
Explosion-proof	Exd II CT6Gb
Sizes:	97mmx201mm Net weight: 2kgs.



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SK-R800NS Model Selection

SK-R800	80GHz Radar Level Transmitter (Aluminum housing, with display)									
	Code	Medium Type								
	N/S	Liquid/Solids								
		Code	Measuring Range(m)							
		0.2~60	10	20	30	50	60			
			Code	Connection						
			G	G'' Thread (G2'')						
			F	Flange						
				Code	Temperature					
				N	-30-80℃					
					Code	Cable entry				
					M/N	M20×1.5(F) / 1/2NPT				
						Code	Electronics			
						T	Two-wire 4...20mA			
						M	Mod-bus			
						H	HART			
							Code	Protection		
							P	IP67		
								Code	Explosion-proof	
								E	Ex db ia IIC T6 Gb	
SK-R800	S	10	G	N	M	TMH	P	E		