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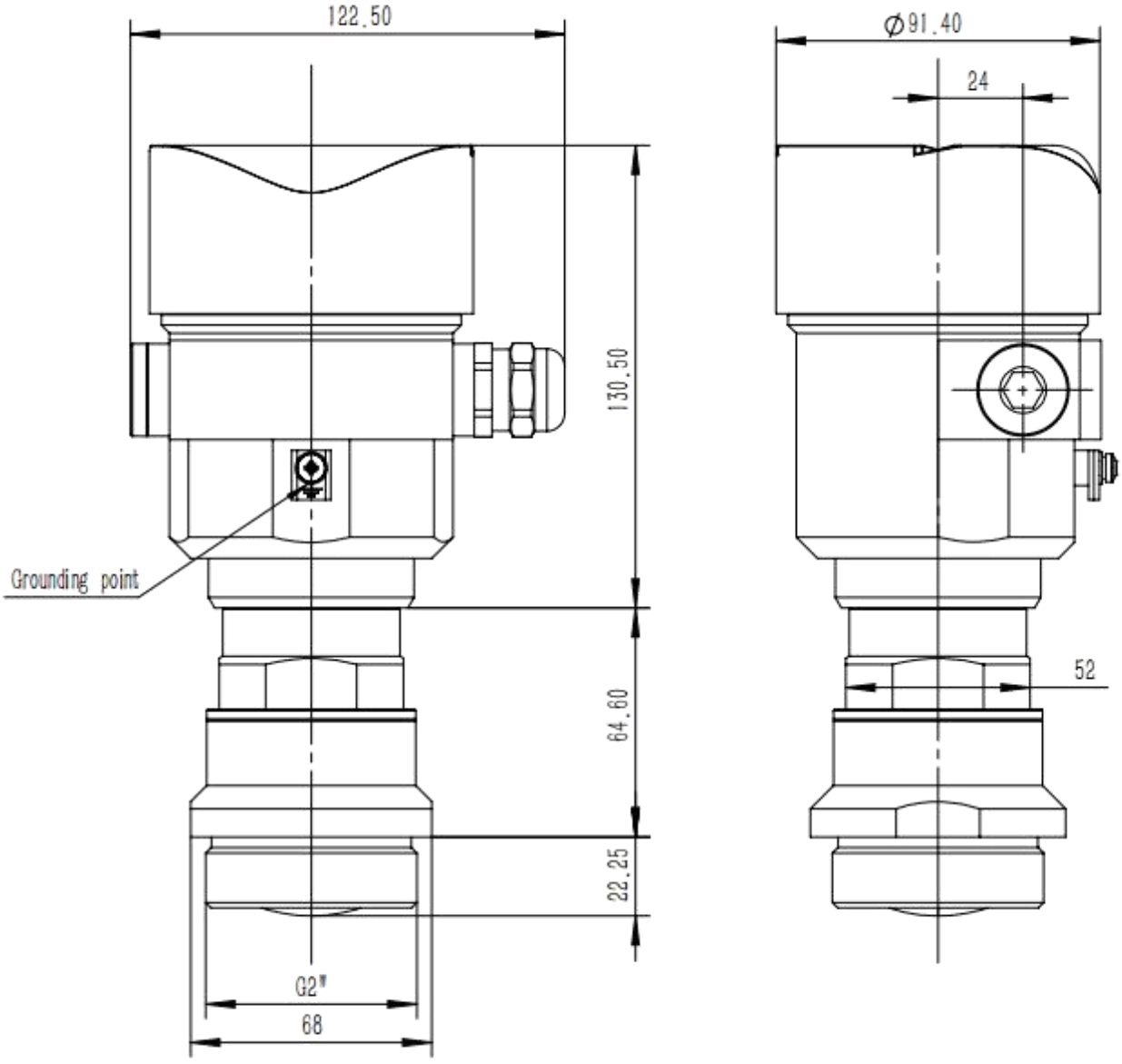
SK-R800T 80GHz Radar Level Transmitter

The SK-R800T is an 80GHz FMCW radar level transmitter for continuous level measurement of Liquid, solids and open water application.

* High frequency: 80GHz, More Focus.
* Accuracy: ±2 mm
* PTFE sealed antenna, not affected by temperature, condensate water.
* Small emitting angle: ±2.9°.
* G’’ thread connection, customized thread/flange.



Sizes



Specification

Model	SK-R800T
Product Type	FMCW Radar Level Transmitter
Application	*Simple Liquid Measurement (exp: water, up to 30m) *Standard Liquid measurement (exp: Corrosive chemical)
Frequency	77GHz-81GHz
Measurement Range	10M 20M 30M 60M 120M
Accuracy	±2mm
Beam Angle	±2.9°
Antenna Material	SS 304/Sealed PTFE
Process Connection	Default G2'' thread; Thread and flange is customized
Process Temperature	-40°C to 80°C
Process Pressure	0.1bar-3bar(Atmospheric pressure)
Signal output	4-20mA/RS485(Modbus - RTU)/Hart/Bluetooth
Power	Two-wire DC 24V (18V~36V)
Protection	IP67
Explosion-proof	Ex db ia IIC T6 Gb
Seal Material	FKM

SK-R800T ModelSelection

SK-R800T	**80GHz Radar Level Transmitter (Aluminum housing, with display)**							
	Code	**Medium Type**						
	L/S	Liquid/Solids						
		Code	**Measuring Range(m)**					
		0.2~30	10	20	30	60	120	
			Code	**Connection**				
			G	G'' Thread (G2)				
			F	Flange				
				Code	**Temperature**			
				N	-40-80°C			
					Code	**Cable entry**		
					M	M20×1.5(F)		
					N	1/2NPT		
						Code	**Electronics**	
						T	Two-wire 4...20mA	
						M	Modbus	
						H	HART	
						B	Bluetooth	
							Code	**Protection**
							P	IP67
								Code **Explosion-proof**
								E **Ex db ia IIC T6 Gb**
SK-R800T	**L**	**10**	**G**	**N**	**M**	**TMH**	**P**	**E**

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