



陕西声科电子科技有限公司
SHAANXI SHENGKE ELECTRONIC TECHNOLOGY CO.,LTD
Phone: 18729098936 FAX: 029-88858601
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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.

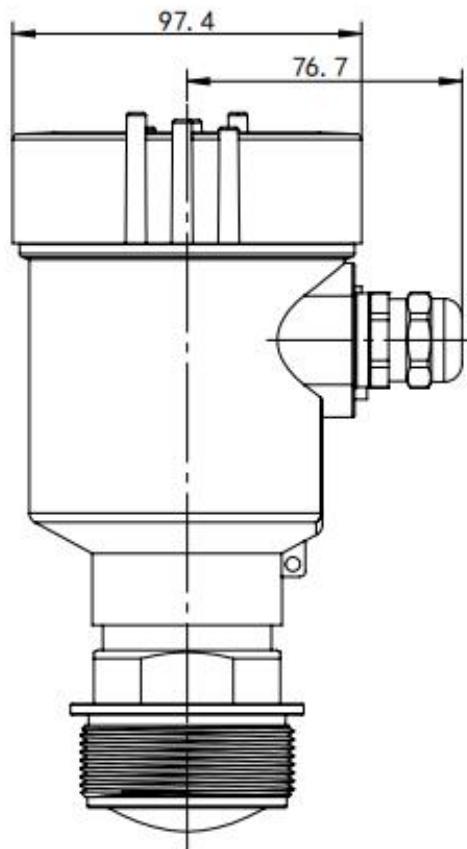
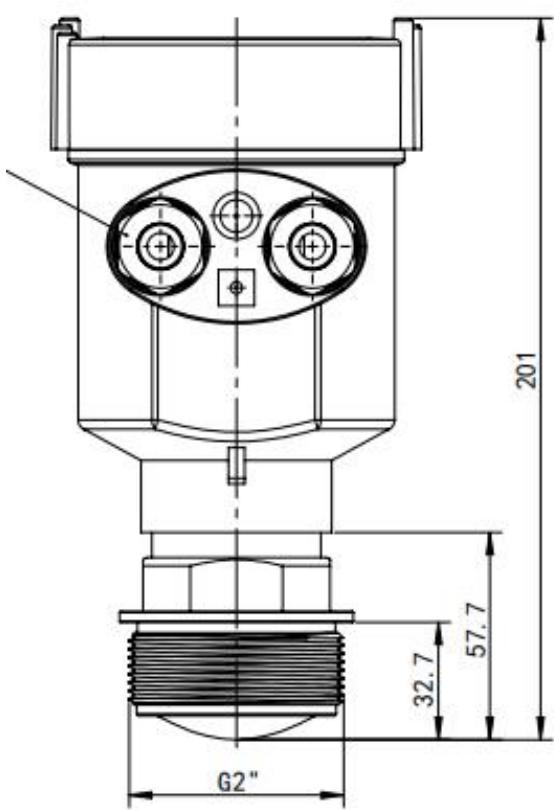
- * High frequency: 80GHz, signal more focused.
- * Accuracy: ± 2 mm (Blind Zone>0.3m, damping=50)
- * PTFE sealed antenna, not affected by temperature, condensate water etc.
- * Beam angle: $\pm 2.9^\circ$ (G2") .
- * G" thread connection, customized thread/flange available.





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Sizes:





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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°C

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