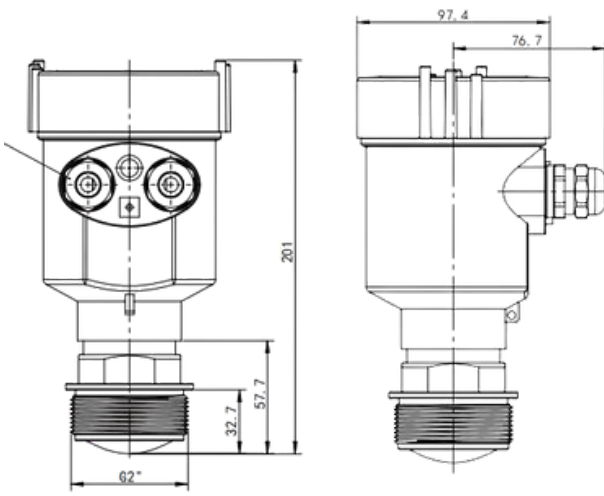


SK-R800NS FMCW RADAR LEVEL TRANSMITTER The SK-R800NS is an 80GHz FMCW radar transmitter for continuous level measurement of Liquid, and open water application.	
Frequency	77GHz-81GHz
Measurement Range	30M - 60M
Accuracy	±2mm
Beam Angle	± 3,5°
Material	SS 304/Sealed PTFE
Process Connection	Standard G2" Male Thread; Other threads and flanges are customized
Process Temperature	-30°C to 80°C
Process Pressure	Normal atmospheric pressure
Signal output	4-20mA / RS485(MODBUS - RTU) / HART
Power supply	Two-wire DC 24V (22V~30V)
Protection	IP67
Sizes	96mmx200mm weight: 2kgs.
Explosion-proof	Exd II CT6Gb
Drawing	

SK-R800NS

FMCW RADAR LEVEL TRANSMITTER

The SK-R800NS is an 80GHz FMCW radar transmitter, is a universal sensor for continuous level measurement in liquids and solids.



Application

- *Simple liquid Measurement (exp: water, up to 50m)
- *Standard liquid measurement (exp: Corrosive chemical)
- *Level measurement and detection in fixed-roof storage tanks
- *Level measurement in feed, corns, beans, wheat, cement, silos, feed pellet supply etc
- *Level measurement and detection in alumina slurry, liquid alkali, Sodium hydroxide, etc storage tanks

Medium Type	N/S	Solid* Liquid
Measuring range	30 60	30 m 60 m
Process connection	G F	G Thread (G2") Flange
Process temperature	N	-30...+80°C
Cable entry	M	M12x1.5(F)
Electronics	T M H	Two-wire 4...20mA Modbus HART
Protection	P	IP 67
Explosion Proof		Ex db ia IIC T6 Gb

