

SKR800H 80GHz Radar Level Transmitter

The SKR800H is an 80 GHz FMCW radar transmitter for continuous level measurement of Bulk Solid, and Large range liquid application

* Narrow beam focusing 1.5° provide accurate and reliable measurement in bulk solid with dust, or Large range of water.

* The antenna options permit to measure distances up to 60 m.

* Default thread connection M130*2, thread and flange are customizable.



Specification

Customized DN200 Flange

Model	SKR800H
Product Type	FMCW Radar Level Transmitter
Application	*Standard Bulk Solid Measurement *Large range water measurement *Suitable for Narrow tank, silo, vessel.
Frequency	77GHz-81GHz
Measurement Range	Solid: 0.2-60m (0.6 ft – 198 ft) Liquid: 0.2-60m (0.6 ft – 198 ft)
Accuracy	±5mm for solid ±2mm for liquid
Beam Angle	1.5°
Antenna Material	SS 304/Sealed PTFE
Process Connection	Thread M130*2 ; Thread and flange is customized
Process Temperature	-40°C to +60°C (-40 to +140 °F)
Process Pressure	Normal atmospheric pressure
Signal output	4-20mA/RS485(Modbus - RTU)
Power	Two-wire DC 24V (22V~30V)
Explosion-proof	Exdia II CT6Gb