

SKR800 80GHz Radar Level Transmitter (Solid<15m)

The SKR800 is an 80 GHz FMCW radar transmitter for continuous level of Bulk Solid, and Large range liquid application

* Narrow beam focusing 3° provide accurate and reliable measurement in with dust, or Large range of water.

* The antenna options permit to measure distances up to 15 m for solid. (depends on medium/dielectric constant)

* Default thread connection, thread/flange/high temp version are customizable.



High Temp version upto 200 deg C

Datasheet

Model	SKR800
Product Type	FMCW Radar Level Transmitter
Application	Bulk Solid Measurement
Frequency	77GHz-81GHz
Measurement Range	0.2-8m; 0.2-15m
Accuracy	±5mm for solid
Beam Angle	3°
Antenna Material	SS 304/Sealed PTFE
Process Connection	Thread and flange customized as you required
Process Temperature	-40°C to +60°C (-40 to +140 °F), -40°C to 200°C optional
Process Pressure	Normal atmospheric pressure
Signal output	4-20mA/RS485(Modbus - RTU)
Power	Two-wire DC 24V (22V~30V)
Explosion-proof	Ex d ia II CT6 Gb