



陕西声科电子科技有限公司
SHAANXI SHENGKE ELECTRONIC TECHNOLOGY CO.,LTD

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SK-R800NS 80GHz Radar Level Transmitter

The SK-R800NS is an 80GHz FMCW radar level transmitter for continuous level measurement of Powdered solid. The antenna: 3"+Universal Flange, Flange and Air Purge system are the best choice for measuring powdered solids as well as bulk solids.

- * High frequency: 80GHz, More Focus.
- * Accuracy: ± 2 mm
- * 3"+Universal Flange, Flange and Air Purge system
- * Small emitting angle: $\pm 3^\circ$.

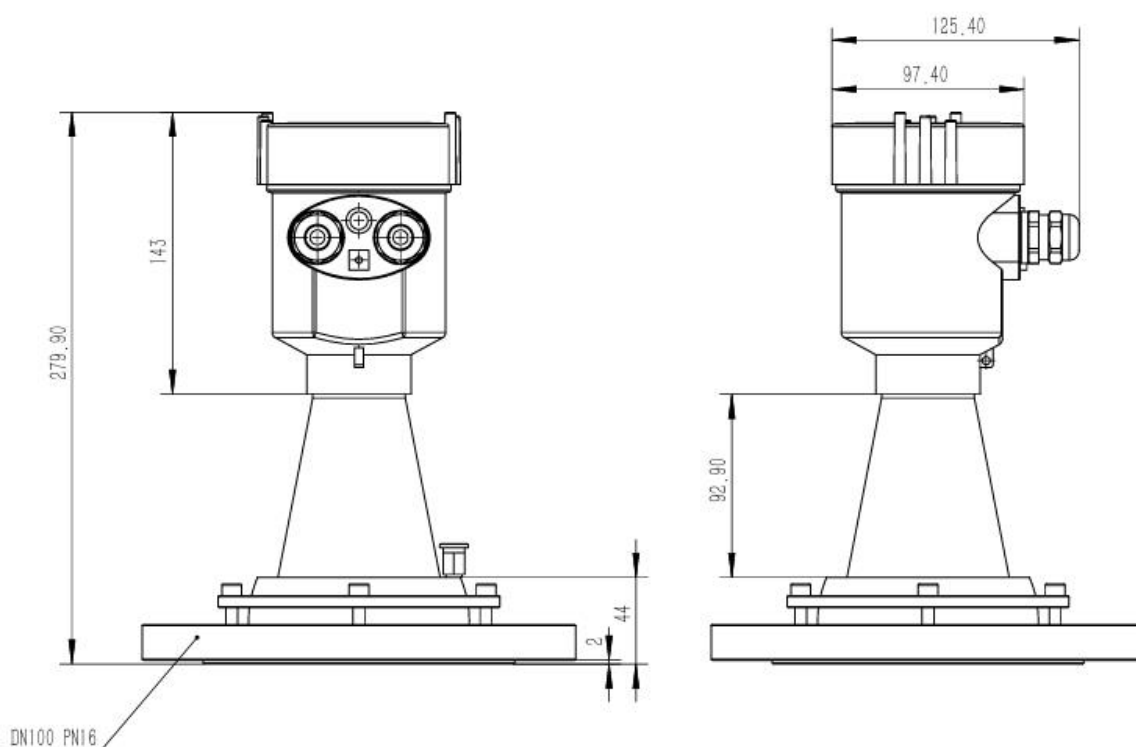




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Specification

Model	SK-R800NS
Product Type	FMCW Radar Level Transmitter
Application	*Simple liquid Measurement (exp: water, up to 65m) *Standard liquid measurement (exp: Corrosive chemical) *Bulk solids *Powdered solids
Frequency	77GHz-81GHz
Measurement Range	65m
Accuracy	±2mm
Beam Angle	±3°
Antenna Material	PTFE
Process Connection	G3
Process Temperature	85°C
Process Pressure	Normal atmospheric pressure
Signal output	4-20mA/RS485(Modbus - RTU)/Hart
Power	Two-wire DC 24V (22V~30V)
Protection	IP67
Explosion-proof	Exdbia II CT6Gb
Flange size	DN100 Flange
Flange material	SS304 or SS316 with PTFE antenna

SK-R800NS Model Selection

SK-R800NS 80GHz Radar Level Transmitter (Aluminum housing, with display)

Code		Medium Type							
NS		Solid							
		Code		Measuring Range(m)					
		10~65		10 30 65					
		Code		Connection					
		F		Flange					
				Code		Temperature			
				N		85℃			
				Code		Cable entry			
				M/N		M20×1.5(F)/1/2NPT			
				Code		Electronics			
				T		Two-wire 4...20mA			
				M		Modbus			
				H		HART			
				Code		Protection			
				P		IP67			
				Code		Explosion-proof			
				E		Ex db ia IIC T6 Gb			
SK-R800NS	NS	10	F	N	M	TMH	P	E	