DATASHEET

KSS Radar Level Transmitter

KSS Data Sheet - DS - LM - 003 - 00

Product Overview

The KSS-R800W is the ideal sensor for non-contact level measurement in simple applications. SK-R800W is a compact, loop-powered radar level transmitter for continuous measurement of liquids. As a price leader, itdoes not compromise on good value and provides effortless and intuitive operation. Easy and flexible mounting combined with high chemical compatibility and 20 meters (65ft) measuring range makes the SK-R800W suitable in multiple applications in all industries. Weighs only 750g. Meanwhile the sensors could be applied on some liquid tanks or containers.

- High frequency 80GHz.
- More Focus.
- Accuracy ±2 mm(liquid)
- Measuring range up to 20 meters.
- Small emitting angle ±5°.
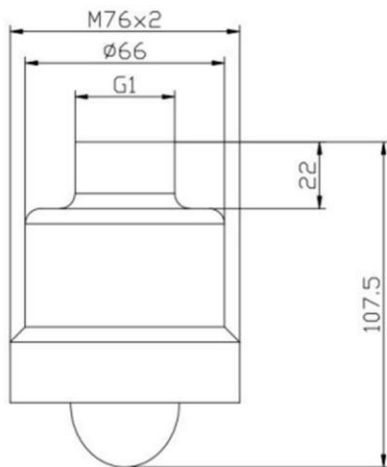- Thread connection, customized flange.

Applications

- Open channel
- Water & wastewater field,
- Rain basins
- Flume
- Dam level monitoring.
- River level
- Wet wells
- Inlet screens
- Pump stations
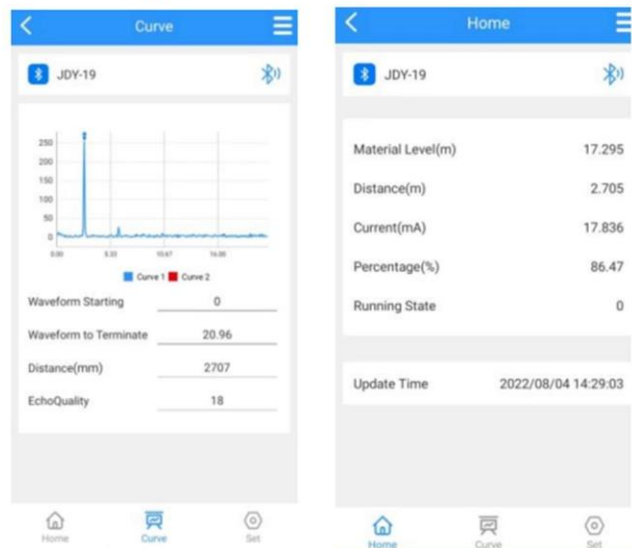- Water towers
- Chemical storage

Product Specifications

Model	:	KSSR800W
Product Type	:	FMCW Radar Level Transmitter
Application	:	Open channel water measurement Standard liquid measurement
Frequency	:	77GHz-81GHz
Measurement Range Liquid	:	0.2m-20m (0.6 ft – 65 ft)
Measuring Range	:	350 mm to 6000 mm (Any other on request)
Accuracy	:	±2mm for liquid
Beam Angle	:	±5°
Material	:	PP (polypropylene)
Process Connection	:	Thread and flange (customized)
Process Temperature	:	-20°C to 60°C (-20 to +140°F)
Process Pressure	:	Normal atmospheric pressure
Signal output	:	4-20mA / RS485/ Bluetooth
Power	:	Two-wire DC 24V (22V~30V)
Protection	:	IP67
Size	:	76mm*107mm
Weight	:	750 gm

Dimension

Mobile App

KSS-R800W Model Select

KSS-R800W | 80GHz Radar Level Transmitter (PP housing, no display)

Code	Medium Type					
W	Water/liquid					

	Code	Measuring Range(m)				
	0.2~15	8、15				

		Code	Connection			
		G	G Thread			
		F	Flange			

			Code	Temperature		
			N	-20 - 60°C		

				Code	Cable entry	
				M	M20×1.5(F)	

					Code	Electronics
					T	Two-wire 4...20mA
					M	Modbus
					B	Bluetooth wireless

KSS-R800W

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