



## SK-R800E (PVDF)

## **FMCW RADAR LEVEL TRANSMITTER**

The SK-R800E(PVDF housing) is the ideal sensor for non-contact level measurement in simple applications. It is particularly suitable for open channel application: exp water/wastewater field, sewage, rain basins, flume, dam level monitoring, pumping stations and rain overflow basins, level monitoring and for many other industrial applications.



Frequency	77GHz-81GHz
Measurement Range	15 M
Accuracy	±2mm for liquid
Beam Angle	± 3,5°
Material	PVDF
Process Connection	G 1 1/2" Male thread
Process Temperature	-40°C to 60°C
Process Pressure	Normal atmospheric pressure
Signal output	Two wire 4-20 mA Four wire 4-20mA or RS485 (select one of)
Power supply	Two wire DC 24V / Four-wire DC 12V
Protection	IP68
Sizes	Size 76mm*114mm
Weight	0,5 Kg
Blind zone	300 mm
Drawing	27.78







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## Application



Medium Type	E	Liquid
Measuring range	15	15 m
Process connection	G	G'' Thread
	F	Flange
Process temperature	N	-40+60°C
Cable entry	М	M12×1.5(F)
Electronics	Т	Two-wire 420mA
	M	Modbus
	В	Bluetooth wireless
Protection	Р	IP 68









