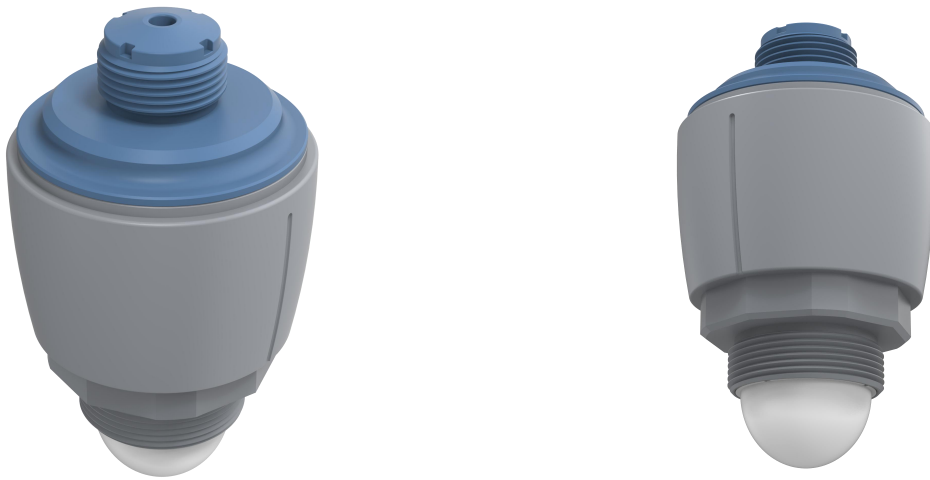




AFLO-RLT30E

80GHz Radar Level Transmitter

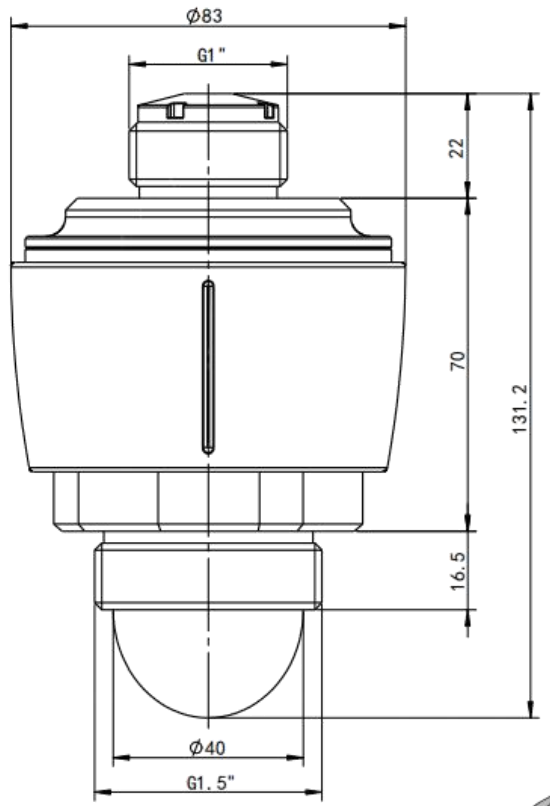


The AFL-R80E is the ideal sensor for non-contact level measurement in simple applications. Weight only 400g. It is particularly suitable for open channel application: water/wastewater field, rain basins, flume, dam level monitoring. Meanwhile the sensors could be applied on some liquid tanks or containers.

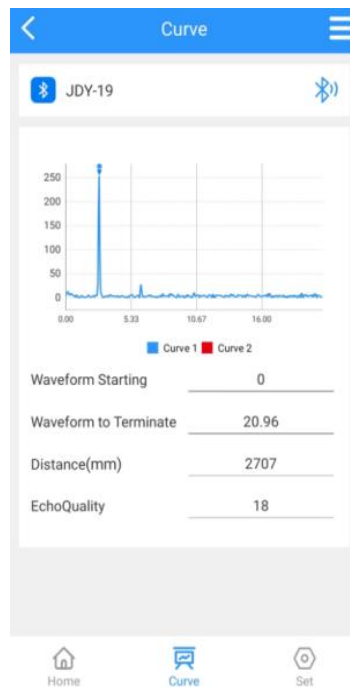
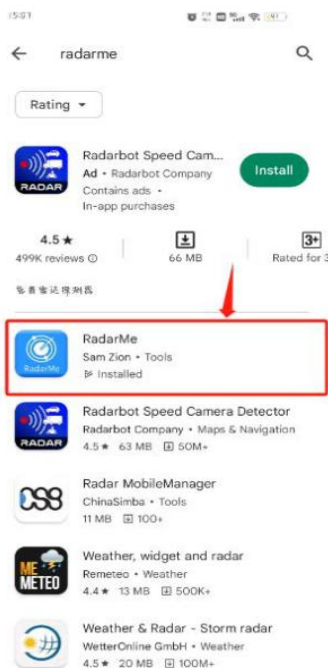
- * High frequency: 80GHz, more focus
- * Accuracy: ± 2 mm(liquid)
- * Measuring range: up to 30m
- * Small emitting angle: $\pm 3.5^\circ$
- * Thread connection: G1.5, customized flange



Dimension



Mobile App: RadarMe



Screenshot of the RadarMe app Home screen showing real-time measurements.

Parameter	Value
Material Level(m)	17.295
Distance(m)	2.705
Current(mA)	17.836
Percentage(%)	86.47
Running State	0
Update Time	2022/08/04 14:29:03

Specification

Model	AFLO-RLT30E
Product Type	FMCW Radar Level Transmitter
Application	*Open channel water measurement *Standard liquid measurement
Frequency	77Ghz-81Ghz
Measurement Range	Liquid: 10M 20M 30M
Accuracy	±2mm
Beam Angle	±3.5°
Material	PP (polypropylene)
Process Connection	G1.5 Thread and flange (customized)
Process Temperature	-30°C to 80°C
Process Pressure	Normal atmospheric pressure
Signal output	4-20mA / RS485/ Bluetooth/HART
Power	Two-wire DC 24V (22V~30V)
Protection	IP67 /IP68
Weight	83mm*128mm, weight 400g

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