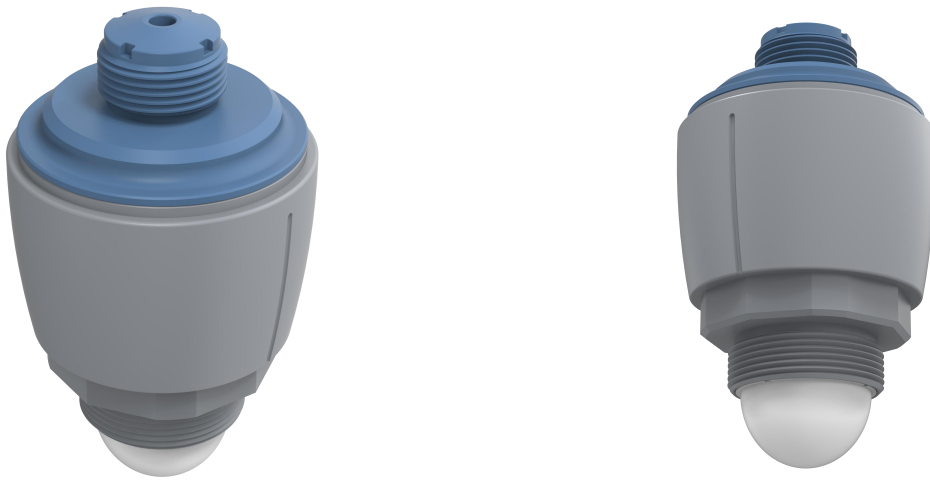




AFL-RLT30E

80GHz Radar Level Transmitter

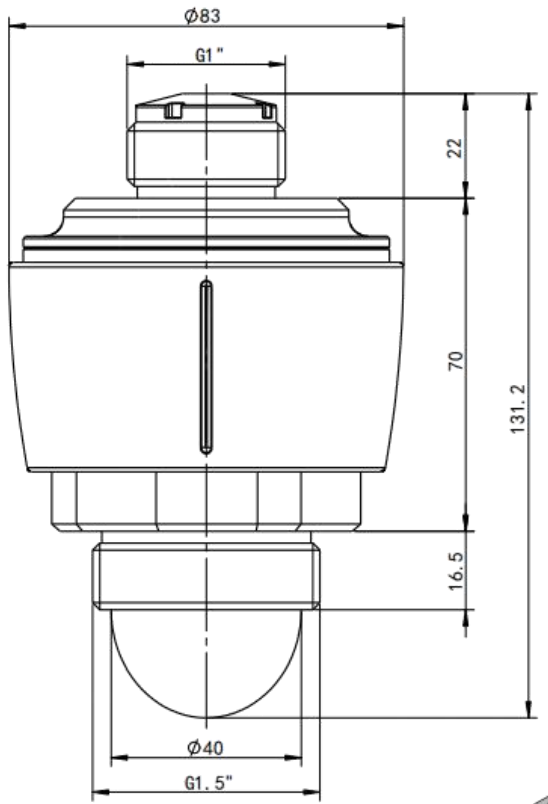


The AFL-RLT30E is the ideal sensor for non-contact level measurement in simple applications. Weight only 400g. It is particularly suitable for open channel application: water/wastewater field, rain basins, flume, dam level monitoring. Meanwhile the sensors could be applied on some liquid tanks or containers.

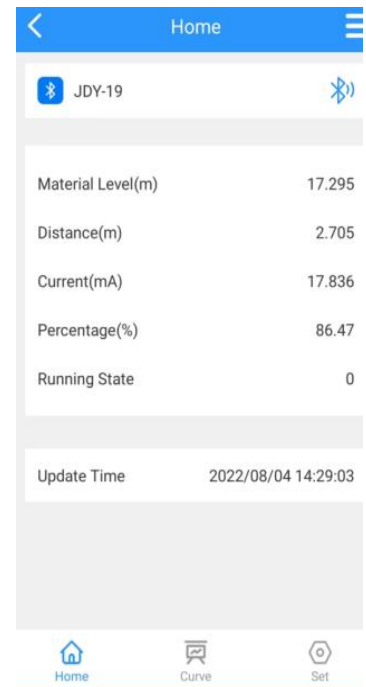
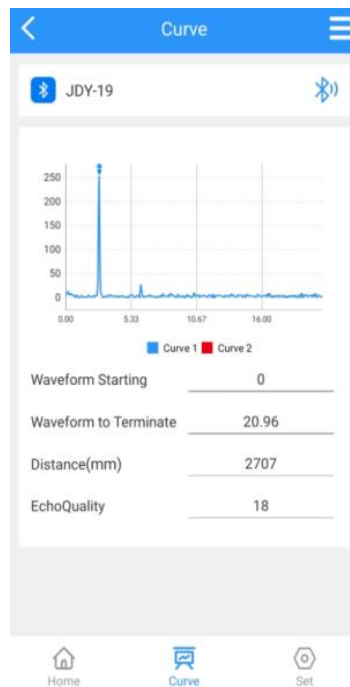
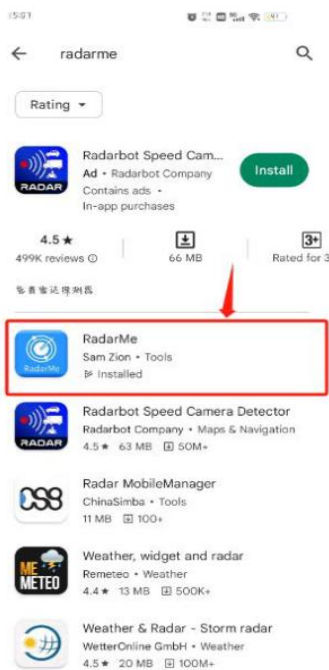
- * High frequency: 80GHz, more focus
- * Accuracy: ± 2 mm(liquid)
- * Measuring range: up to 30m
- * Small emitting angle: $\pm 3.5^\circ$
- * Thread connection: G1.5, customized flange



Dimension



Mobile App: RadarMe



Specification



Model	AFL-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



AFL-RLT30 Model Selection

AFL-RLT30E 80GHz Radar Level Transmitter (PP housing, no display)

Code	Medium Type
2	Two-Wire
Code	Measuring Range(m)
0.2~30	10 20 30
Code	Connection
G	G Thread
F	Flange
Code	Temperature
N	-30-80°C
Code	Electronics
T	4-20mA
M	Modbus
B	Bluetooth wireless
Code	Protection
P	IP67
Code	Cable Length
1-20	1 2 5 10
AFL-RLT30E	2 10 G N M TMB P 10