



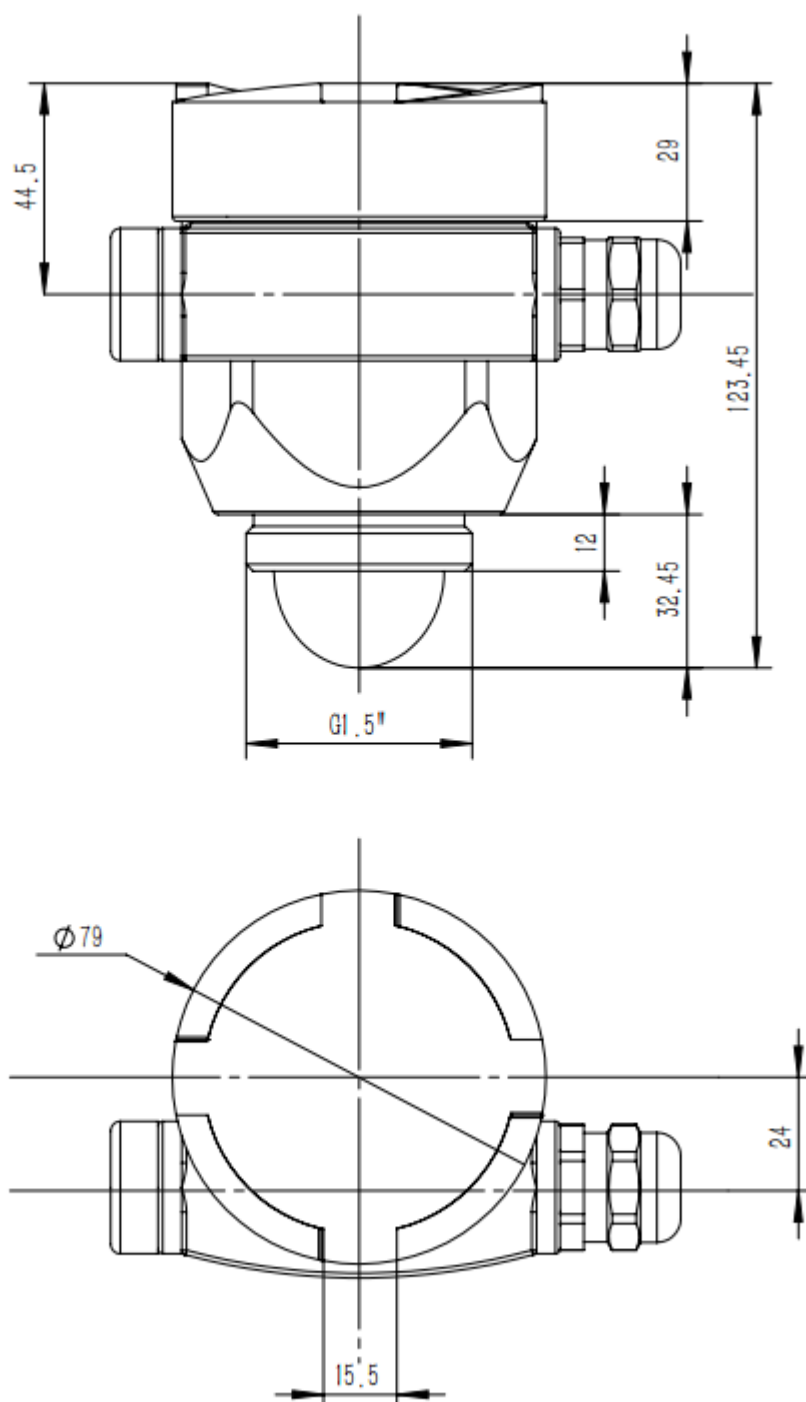
AFL-RLT30L 80GHz Radar Level Transmitter

The AFL-RLT30L is the ideal sensor for non-contact level measurement in simple applications. It is particularly suitable for open channel application: exp water/wastewater field, rain basins, flume, dam level monitoring.

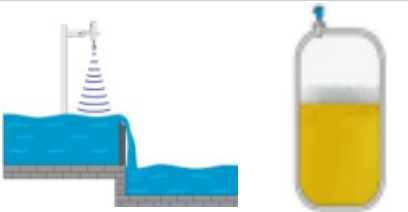
- * High frequency 80GHz, More Focus.
- * Accuracy: ± 2 mm(liquid)
- * Measuring range up to 30m
- * Small emitting angle: $\pm 4^\circ$
- * Thread connection, customized flange.
- * With display.



Sizes:



Specification:

Model	AFL-RLT30L
Product Type	FMCW Radar Level Transmitter
Application	 * Open channel water measurement * Standard liquid measurement
Frequency	77GHz-81GHz
Measurement Range	Liquid: 0.2m-30m
Accuracy	±2mm for liquid
Beam Angle	±4°
Material	PBT+GF
Process Connection	Thread (G1.5") and flange (customized)
Process Temperature	-25°C to 60°C
Process Pressure	Normal atmospheric pressure
Signal output	4-20mA / RS485/ Bluetooth/Hart (Optional)
Power	Two-wire DC 24V (18V~36V)
Protection	IP67
Size	85.5mm*130mm, weight 500g

Mobile App

RadarMe



The image displays the RadarMe mobile application. On the left, a blue square icon with a white radar symbol and the text "RadarMe" is shown. To its right, a hand holds a smartphone displaying the app's "Home page". The page shows a list of sensor data for a device labeled "JDY-19". The data includes Material level(m), Distance(m), Current(mA), Percentage(%), and Running state, all with values of 0.000 or 0.00. The update time is 2024/12/23 15:56:45. The bottom of the screen features three navigation icons: Home page, Control, and Set up.

JDY-19	
Material level(m)	0.000
Distance(m)	0.000
Current(mA)	0.000
Percentage(%)	00.00
Running state	0
Update time 2024/12/23 15:56:45	

Navigation icons: Home page, Control, Set up

GET IT ON  Google play

Available on the  App Store

AFL-RLT30L Model Selection

AFL-RLT30L		80GHz Radar Level Transmitter (PP housing, with display)			
Code		Medium Type			
L		Water/liquid			
		Code	Measuring Range(m)		
		0.2~30	10, 20, 30		
		Code	Connection		
		G	G'' Thread (G1.5'')		
		F	Flange		
		Code	Temperature		
		N	-25-60°C		
		Code	Cable entry		
		M	M12×1.5(F)		
		Code	Electronics		
		T	Two-wire 4...20mA		
		M	Modbus		
		B	Bluetooth wireless		
		H	HART		
AFL-RLT30L		10	G	N	M
					TMBH