

Your vision, automated



MCOMRL

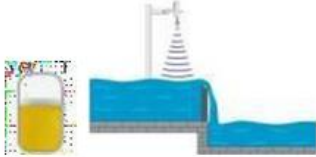
RADAR LEVEL TRANSMITTER



The MCOMRL is a high-performance 80 GHz non-contact radar level transmitter designed for accurate level measurement in open-channel flow, water/waste water applications, rain basins, flumes, dams, and liquid storage tanks. With its narrow beam angle ($\pm 3.5^\circ$), high accuracy ($\pm 2-5$ mm), and measuring range up to 10-50 meters, the MCOMRL provides stable and precise readings even in challenging environments. It features a compact ABS+PP construction, multiple output options (4-20 mA, RS485, Bluetooth, HART), IP67 protection, and a clear 128x64 LCD display, making it ideal for municipal, industrial, and environmental monitoring applications.

- High frequency 80GHz, More Focus.
- Accuracy ± 2 mm(liquid)
- Measuring range up to 30m
- Small emitting angle $\pm 3.5^\circ$
- Thread connection, customized flange with display.



1)	Model	MCOMRL
2)	Product Type	Level Transmitter
3)	Application	 <ul style="list-style-type: none"> • Open channel water measurement • Standard liquid measurement
4)	Frequency	77GHz-81GHz
5)	Measurement Range	Liquid: 10M 20M 30M 50M
6)	Accuracy	±5mm for liquid
7)	Beam Angle	±3.5°
8)	Material	ABS+PP
9)	Process Connection	Thread and flange (customized)
10)	Process Temperature	-20°C to 70°C
11)	Process Pressure	Normal atmospheric pressure
12)	Signal output	4-20mA / RS485/ Bluetooth/Hart
13)	Power	Two-wire DC 24V (22V~30V)/Four- wire DC (8V-36V)
14)	Protection	IP67
15)	Display	LCD 128X64
16)	Size	85.5mm*130mm, weight 250g

➤ DIMENSION DRAWING

