

# NON-CONTACTING RADAR LEVEL GAUGE MW-30

PRELIMINARY SPECIFICATION DATA FOR SURVEY USE



## BASIC SPECIFICATION

Frequency	W-Band	(80GHz)
Measuring Range	100m Max.	
Target	Liquid and Solid	
Min. Di-electric Constant	Er > 1.4	
Accuracy	+/- 2mm	(~30m)
	+/- 0.02% R.D.	(30m~)
Temperature	-40C deg to +200C deg	
Pressure	-0.1MPa ~ +1.5MPa	
Power Supply	10.5V ~ 36V	
Signal Output	Loop-powered	
	Bluetooth	
	4-20mA + HART	
	RS-485 (MODBUS)	Any other?
IP Class	IP66&67 / IP68 (Option)	
Material	Low-Copper Aluminum Di-cast	
Certificate	CE Mark	
	KC Mark	
	IEC/ATEX Ex approval	



## OPTIONAL SPECIFICATION

Antenna Variation	3 inch Lenz Antenna	Beam Angle 4deg
	2 inch Lenz Antenna	Beam Angle 6deg
	1 inch Lenz Antenna	Beam Angle 12deg
	3 inch PTFE Sealing Antenna	Beam Angle 4deg
	2 inch PTFE Sealing Antenna	Beam Angle 6deg
	1 inch PTFE Sealing Antenna	Beam Angle 12deg

*Any smaller antenna required?*

High Temp & Pressure Antenna	High Pressure Antenna	Max?
	High Temperature Antenna	Max?

Unique application	Side Chamber Antenna	Size?
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Antenna Option	Air cleaning Antenna	
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