

Measurement Unlimited By The Imagination

Microwave Level Gauge

MD-10



intelligent
DIGITAL

Microwave Level Gauge

MD-10



Features

1. Spiral Search Mode

High speed activation with low power consumption

2. Easy Configuration

Menu driven 4-keys input or Graphical PC software by RS485

3. Easy Installation and quick connection

Gauge and Plate can be connected at site by hand

4. Strong and stable against tough conditions

Vapor atmosphere, Temperature, Pressure or Density / Gravity change

Specifications

General	Measuring principle	Time of Flight Impulse Radar Technology			
	Operation frequency	5.8 Ghz			
	Half power beam angle of each antenna	4 inch	6 inch	8 inch	
		34°	22°	17°	
Local display	Level, Ullage, Volume, Current or Signal Amplitude output				
Electrical	Power supply	Loop powered 10-16 V DC			
	Output	RS485			
	Output variable	Level, Ullage (m or ft), Volume (%), Amplitude (dB).			
Mechanical	Antenna	Cone Antenna: 4", 6", 8" Stainless steel (316L), PTFE, Viton			
	Housing (Enclosure)	Casting aluminum			
	Cable entry	2 - M20 x 1.5			
Environment	Ambient temperature	-20~70°C (LCD Display -20 to 70°C)			
	Max. pressure	-0.1 to 1.0MPa (-14 to 145 psi)			
	Ingress protection	IP65			
Measuring Performance	Accuracy	±10mm			
	Repeatability	±1mm			
	Update interval	1sec			
	Measuring range	Up to 20m Max.			

Design and specifications are subject to change without prior notice, and without any obligation on the part of the manufacturer.

 **CAUTION** Before operating this equipment, you should first thoroughly read the operator's manual.



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