BCR1100 80 GHz Smallest & Cheapest Water Level Radar Gauges



Features

- Smart features designed to make life easy
- Communicate via Bluetooth wireless technology
- Advanced diagnostics and Smart Meter Verification
- Versatile BCR1100 radar for application flexibility
- Industrial design concept, the appearance of the product fits in natural environment

Applications

- Non-contacting radar technology is ideal for a wide range of the liquid applications as it is maintenance- free, has a top-down installation that reduces the risk of leakages.
- Water treatment and sewage treatment measurements, river reservoir water level measurement.

Specifications

NO	SPECIFICATION	PROCESS SEGMENT
1	APPLICATIONS	Liquid / Solid (not recommended)
2	MEASURING PRINCIPLE	80 GHz., W-band, FMCW
3	ACCURACY	± 2mm or better
4	RANGE	Liquid: Up to 18m / Solids: Up to 8m
5	KEYBOARD + DISPLAY	NO
6	DEAD ZONE	< 60mm
7	BEAM ANGLE	< 6.5°
8	OUTPUT	2 Wire 4-20 mA
9	PROCESS CONNECTION	G2” / NPT
10	PROCESS PRESSURE	-0.3 ~ 0.3 MPa
11	PROCESS TEMPERATURE	-40º to 80ºC
12	POWER SUPPLY	12 to 30 VDC
13	BLUETOOTH 5.0 FEATURE	(RadarMobileManager) Required with Mobile App
14	IP RATING	IP67 / IP68

