

Radar Level Transmitter DR - 100



APPLICATION

The sensor's antenna transmits a radar signal of a certain frequency band and receives the radar returning reflected from an object to be measured.

And the sensor reads the gap of the radar frequency between what's transmitted and received and measures the distance between the sensor and the reflecting object.

FEATURES

- Brand new model using 57~64GHz frequency.
- Highly accurate level measurement with 1mm resolution.
- Sensing Max 20 meters.
- Easy calibration via free smart phone application.
- Downloadable for ANDROID, IPHONE, IPAD.
- Enclosure rating IP65.
- A verified level sensor by mutiple authorized certificates.



SPECIFICATIONS

Wiring	4-Wiring (recommnd : Shield cable 3Cx24AWG)
Range	10cm ~ 20M
Dead Band	10cm
Accuracy	± 2mm
Resolution	1mm
Beam Width	8°
Frequency	57GHz ~ 64GHz
Current Consumption	MAx. 150mA
Supply Voltage	DC 24V
Signal Output	DC 4~20mA (option : RS485 or Bluetooth)
Operating Temp.	-20°C ~ 60°C (HEAD) / -20°C ~ 120°C (Lens antenna)
Mounting	3 Inch (80A)
Electrical Connection	1/2 Inch PF x 1pcs / M20 1.5P x 1pcs
Material	HEAD : Aluminum Lens Antenna : Teflon (Option) Flange : P.V.C
Enclosure Rating	IP68
Device Ap	ANDROID, IOS

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Mounting	3 Inch (80A)
Electrical Connection	1/2 Inch PF x 2pcs
Material	HEAD : PBT-FR-GF10 Lens Antenna : Teflon (Option) Flange : P.V.C
Enclosure Rating	IP65
Device Ap	ANDROID, IOS