

### PRODUCT INFO

#### PRODUCT NAME

Radar Level Sensor

#### PRODUCT CODE

LevelD.86-A

#### PRODUCT CATEGORY

Level Sensor

#### PRODUCT PRICE

Talk with a Serrata Instruments Reseller

### APPLICATION GUIDELINES

This non-contact radar level sensor is designed for reliable liquid level measurement in open or closed tanks, ponds, and natural water bodies. Utilizing advanced 80GHz radar technology, it offers precise and continuous measurement without being affected by vapors, temperature fluctuations, or surface turbulence. With a robust IP68 housing and an operating temperature range down to -40°C, it is well-suited for outdoor installations and harsh environmental conditions.



## COMPACT 80GHz RADAR LEVEL SENSOR FOR ENVIRONMENTAL AND SEMI- INDUSTRIAL APPLICATIONS

The sensor features a standard 4-20mA output for easy integration into monitoring or control systems, and comes with a pre-installed 5-meter cable for quick deployment. To simplify setup in the field, the device includes Bluetooth connectivity and can be fully configured using a free Android mobile application—no physical interface or laptop required. Ideal for semi-industrial and environmental applications, this cost-effective sensor combines accuracy, ease of installation, and durability in a compact form.

### CONTACT US

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## KEY FEATURES PRODUCT

### INTEGRATION AVAILABILITY

- Easy connection thanks to 2 wire 4-20 mA output

### RANGE OPTIONS

- 0-10 meter, 0-20 meter, 0-35 meter

### CHARACTERISTIC FEATURES

- Easy site configuration thanks to Bluetooth connectivity and free Android App

### APPLICATION USAGE

- Liquid Level Monitoring for tanks and open areas



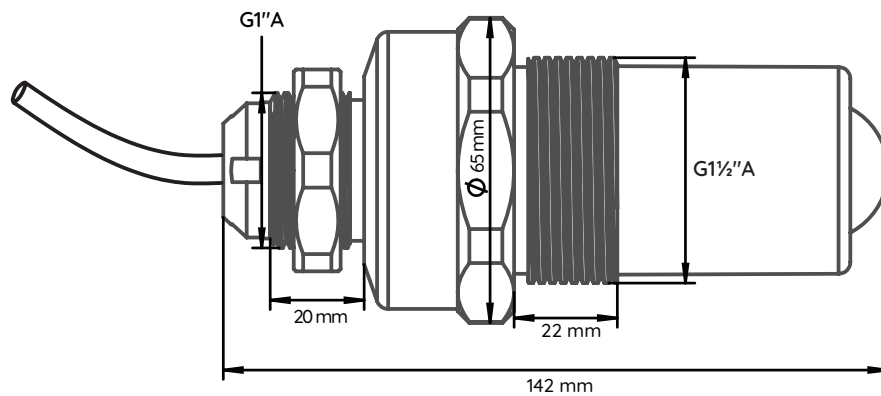
Versions	LevelD.86-A-10	LevelD.86-A-20	LevelD.86-A-30
Measuring Range	0-10 meter	0-20 meter	0-35 meter
Accuracy	± 2 mm	± 4 mm	± 6 mm
Technology	Non-Contact, Radar, 80GHz		
Blind Area - Angle	100 mm blind and 6° angle		
Process Connection (Bottom/Top)	G1-1/2" and G1"		
Cable	Integrated, 5 meters		
Working Temperature	-40.....+80 °C		
Protection	IP68		
Body Material	ABS (Body color may change)		
Output Signal	4-20 mA (2 wire)		
Power Supply	24 Vdc (Typical) (16...26 Vdc)		
Connectivity	Bluetooth (for configuration, Android App is available)		

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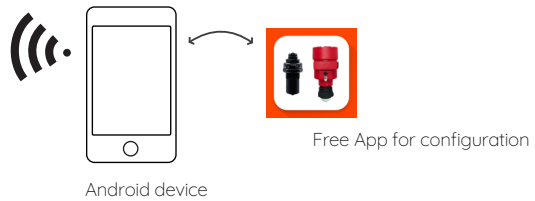
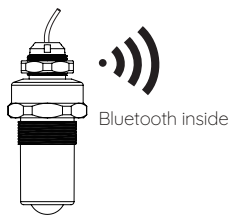
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## DIMENSION



## CONFIGURATION TOOL



## ANGLE AND REFLECTIONS

