

## Radar level Meter

### 10. Radar Level Meter

#### Model: ISEN-RD900

#### 80 GHz High frequency Radar Level Transmitter

Is suitable for high dust, agitating tank, strong foam, steam and strong corrosion and high temperature environment (+200°C) liquid level or solid level measurement.

Working frequency 76-81GHz

Accuracy: +/-1mm

2-wire , 4-wire with measure range: 0.1-10m, 0.3-120m.

Have field LCD display

Communication: UI782x: MODBUS / UI783x: HART

Signal output UI782x: 4~20mA or RS-485

UI783x: 4~20mA

Bluetooth optional

Beam Angle: 3°, 8°

Process pressure: -0.1~2MPa, 3MPa

Process Temperature: -40~85°C, 200°C, 500°C, 1000°C

Power: 15~28VDC

Field operation/programming: 128 × 64 dot matrix display / 4 buttons, PC software, Bluetooth

Product Size Ø100\*270mm

Cable entry M20\*1.5

Protection class IP67

Explosion-proof grade ExdiallCT6

Installation method Thread or flange

Weight 2.480Kg/2.995Kg

Packing box size 370\*270\*180mm



### 26GHz Radar Level Gauge

#### ISEN-RD90126GHz Radar Level Gauge

|                                                                                     |                        |                                             |
|-------------------------------------------------------------------------------------|------------------------|---------------------------------------------|
|  | Application:           | various high corrosive fluid                |
|                                                                                     | Measure range          | 10m                                         |
|                                                                                     | Medium Temperature     | -40 ~ 120°C                                 |
|                                                                                     | Process pressure:      | -0.1 ~ 0.3MPa                               |
|                                                                                     | Accuracy:              | ±5mm                                        |
|                                                                                     | Frequency:             | 26GHz                                       |
|                                                                                     | Explosion-proof class: | Exib II C T6 Gb                             |
|                                                                                     | Protection class:      | IP67                                        |
|                                                                                     | signal output:         | 4...20mA/HART(2-wire / 4-wire) RS485/Modbus |

## Radar level Meter

### ISEN-RD902 26GHz Radar Level Gauge

|                                                                                   |                        |                                             |
|-----------------------------------------------------------------------------------|------------------------|---------------------------------------------|
|  | Application:           | high temperature, high pressure medium      |
|                                                                                   | Measure range          | 30m                                         |
|                                                                                   | Medium Temperature     | -40~250°C                                   |
|                                                                                   | Process pressure:      | -0.1~4.0MPa                                 |
|                                                                                   | Accuracy:              | ±3mm                                        |
|                                                                                   | Frequency:             | 26GHz                                       |
|                                                                                   | Explosion-proof class: | Exib II C T6 Gb                             |
|                                                                                   | Protection class:      | IP67                                        |
|                                                                                   | signal output:         | 4...20mA/HART(2-wire / 4-wire) RS485/Modbus |

### ISEN-RD908 26GHz Radar Level Gauge

|                                                                                    |                                                        |
|------------------------------------------------------------------------------------|--------------------------------------------------------|
|  | Application: Various corrosive liquid                  |
|                                                                                    | Measure range: 15meter                                 |
|                                                                                    | Process connection: Threaded or Flange                 |
|                                                                                    | Medium temperature: -40~200°C                          |
|                                                                                    | Process pressure: -0.1~2Mpa                            |
|                                                                                    | Accuracy: ±5mm                                         |
|                                                                                    | Frequency: 26GHz                                       |
|                                                                                    | Explosion-proof: Exia II C T6 Ga                       |
|                                                                                    | Protection class: IP67                                 |
|                                                                                    | Output signal: 4~20mA/HART, RS485/Modbus               |
|                                                                                    | Power: 24VDC 2-wire, or 220VAC 4-wire                  |
|                                                                                    | Beam: 8°                                               |
|                                                                                    | Material: SS304 lining with PFA<br>size: OD76 x H 57mm |

## 6GHz Radar Level Meter

### ISEN-RD8016G Radar Level Meter

|                                                                                     |                                                                                                                              |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
|  | Applicable medium: liquid, light corrosive liquid, small Volatile soda acid liquid level measurement, Slurry level measuring |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|



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