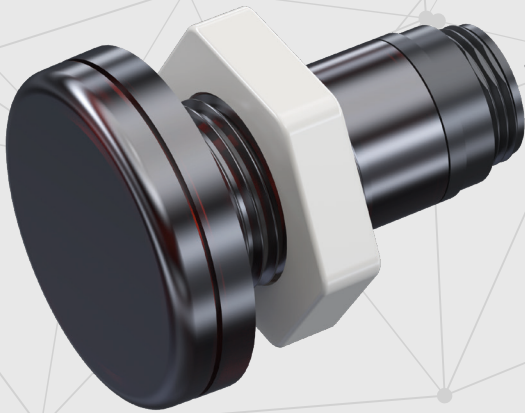


RS-700



RS-700 RADAR SENSOR

RENAU's new RS-700 Radar Sensor takes foodservice efficiency and safety to the next level of performance. A completely modular device, the RS-700 uses short-range radar operating in the 60GHz ISM band, an established technology proven in the defense and aerospace industries. This technology is also perfectly suited for foodservice environments, including (but not limited to) the following applications:

1. Material recognition – distinguishes between surfaces or objects made of different material.
2. Object detection – detects objects and measure their distance in real-time even in complete darkness.
3. Obstacle detection – helps automated equipment prevent accidents and collisions.
4. People detection – allows devices to switch on and off depending on an individual's presence and position.
5. Object counting – provides a way to quickly and automatically count the objects in given areas.
6. Liquid level detection – automatically monitors and regulates liquid level within a container and supports automatic, contactless dispensing when an approved cup is detected.

Features:

- Frequency: 60GHz ISM Band
- Input voltage: 3-5 V DC
- Fully encapsulated
- Operating temp.: -40 TO 85 C
- Durable and Compact
- Fast, Convenient User-Interface
- Low Power Consumption
- Easily Scalable and Upgradeable
- Wide Range of Applications
- Ensures Safety and Quality

As a result, RENAU's compact radar sensors can perform contactless distance measurement and object detection with immunity from interference from environmental noise, dust, or light.

The RS-700 can allow an automated system to dispense food or beverage items into an approved container, while locking dispensing if a body part or unauthorized container is within the dispense area. This not only allows for an efficient contactless dispensing solution, but also reduces shrink, mess, and the risk of injury to team members and customers alike.

In order to perform in the most demanding foodservice industry environments, our products are fully encapsulated for outstanding protection from extreme temperatures, humidity and shock. Designed and manufactured in the United States, all RENAU products are rigorously tested and come with an industry-leading three year warranty.

Suffix	RENAU Part Number	Description
-1	53A5000	Single Wire/I ² C WEIPU Connector
-2	53A5100	Single Wire/I ² C MOLEX Connector

Applications:

Ideal for beverage brewing and dispensing equipment such as:

- Soda fountains
- Water tanks
- Industrial automation
- Product sorting
- And more

Dimensions:

- Circumference: 1.324"
- Depth: 1.93"

Warranty:

- Every Renau product is thoroughly tested at numerous stages of production and comes with an extended three (3) year warranty.

We do more than design. We invent.