

# SIGMA

SMART TAG  
Sensor TAG

PART ID:  
**4901**

RFID Sensors are very useful for wireless sensor applications in industrial solutions, for quality check in food and pharma industry, for temperature check in maintenance processes and transport and logistics. These devices are operating optimal with microsensus standard RFID reader.

## Main Specifications

|                       |                                 |
|-----------------------|---------------------------------|
| Frequencies           | LF HF UHF                       |
| Material              | Epoxy                           |
| Operating Temperature | -45°C to 85°C                   |
| IP Class              | IP65                            |
| Compliance            | RoHs & Reach, CE                |
| Key Features          | Small Size, High Durability     |
| Options               | Adhesive, Laser Engraving, Logo |



## Full Specifications

|                         |  |
|-------------------------|--|
| Product ID              | 4901   |
| Name                    | SIGMA  |
| Material                | Epoxy  |
| Shape                   | Humidity   |
| Long Description        | RFID Sensors are very useful for wireless sensor applications in industrial solutions, for quality check in food and pharma industry, for temperature check in maintenance processes and transport and logistics. These devices are operating optimal with microsensus standard RFID reader. |
| Key Features            | Small Size, High Durability  |
| Options                 | Adhesive, Laser Engraving, Logo  |
| Main Use                | Food and Pharma Industry   |
| Article Type            | Sensor TAG   |
| Color                   | Black  |
| Diameter [mm]           | 14   |
| Thickness [mm]          | 2  |
| Operating Temp °C (min) | -45  |
| Operating Temp °C (max) | 85   |

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|                          |                                  |
|--------------------------|----------------------------------|
| Storage Temp °C (min)    | -40                              |
| Storage Temp °C (max)    | 120                              |
| IP Class                 | IP65                             |
| Compliance               | RoHs & Reach, CE                 |
| Battery                  | No                               |
| Sensors                  | capacitive CMOS sensor, humidity |
| NFC and RFID Integration | HF                               |
| Internal Flash Memory    | 128 bit EEPROM free memory       |
| Manage services          | Reader                           |
| Data output to cloud     | No                               |

VARIANTS

| ID             | Variant                 |
|----------------|-------------------------|
| 4901-01-901-00 | Passive Humidity Sensor |