

SIGMA SMART TAG Sensor TAG

PART ID:
4909

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 microsensys standard RFID reader.

Main Specifications

| | |
|-----------------------|---|
| Frequencies | LF HF UHF |
| Material | Polyamid |
| Operating Temperature | -40°C to 100°C |
| IP Class | IP65 |
| Compliance | RoHs & Reach, CE |
| Key Features | Rough Environment, Heat Tolerant, High Durability |
| Options | Adhesive, Laser Engraving, UID Printing |



Full Specifications

| | |
|------------------|--|
| Product ID | 4909 |
| Name | SIGMA |
| Material | Polyamid |
| 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 microsensys standard RFID reader. |
| Key Features | Rough Environment, Heat Tolerant, High Durability |
| Options | Adhesive, Laser Engraving, UID Printing |
| Main Use | Food and Pharma Industry |
| Article Type | Sensor TAG |
| Color | Black/Blue |
| Length [mm] | 54 |
| Width [mm] | 40 |
| Thickness [mm] | 4.5 |

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Where application information is given, it is only advisory and does not form part of the specification.

| | |
|--------------------------|--|
| Operating Temp °C (min) | -40 |
| Operating Temp °C (max) | 100 |
| Storage Temp °C (min) | -40 |
| Storage Temp °C (max) | 90 |
| IP Class | IP65 |
| Compliance | RoHs & Reach, CE |
| Battery | No |
| AC Plugs | NULL |
| Sensors | Capacitive CMOS Sensor with Filter Cap, Humidity |
| NFC and RFID Integration | HF |
| Internal Flash Memory | 1 Mbit, up to 12.000 samples |
| Manage services | Reader |
| Data output to cloud | No |

VARIANTS

| ID | Variant |
|----------------|-----------------------------|
| 4909-01-901-00 | Active Humidity Data Logger |