

# SIGMA

SMART TAG  
Sensor TAG

PART ID:  
**4903**

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	Epoxy
Operating Temperature	-25°C to 85°C
IP Class	IP65
Compliance	RoHs & Reach, CE
Key Features	ON-Metal Use, Small Size, Heat Tolerant, High Durability
Options	Adhesive, Laser Engraving, UID Printing



## Full Specifications

Product ID	4903
Name	SIGMA
On Metal Use	yes
Material	Epoxy
Shape	Vibration
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	ON-Metal Use, Small Size, Heat Tolerant, High Durability
Options	Adhesive, Laser Engraving, UID Printing
Main Use	Food and Pharma Industry
Article Type	Sensor TAG
Color	Black
Diameter [mm]	15
Thickness [mm]	3

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Operating Temp °C (min)	-25
Operating Temp °C (max)	85
Storage Temp °C (min)	-35
Storage Temp °C (max)	125
IP Class	IP65
Compliance	RoHs & Reach, CE
Battery	No
AC Plugs	NULL
Sensors	MEMS Sensor, 3D Acceleration (x, y,z-axis), Vibration
NFC and RFID Integration	HF
Internal Flash Memory	128 bit EEPROM free memory
Manage services	Reader
Data output to cloud	No

VARIANTS

ID	Variant
4903-01-901-00	Passive Vibration Sensor