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

© TECTUS reserves the right to change any information or data in this document without prior notice. The distribution and the update of this document is not controlled. TECTUS declines all responsibility for the use
of products with any other specifications but the ones mentioned above. Any additional requirement for a specific customer application has to be validated by the customer himself at his own responsibility.
Where application information is given, it is only advisory and does not form part of the specification.

TECTUS Technology GmbH | Lustheide 85 | D-51427 Bergisch Gladbach | Phone: +49 (0) 22 04 976 88 0 | Fax: +49 (0) 22 04 976 88 10

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

© TECTUS reserves the right to change any information or data in this document without prior notice. The distribution and the update of this document is not controlled. TECTUS declines all responsibility for the use
of products with any other specifications but the ones mentioned above. Any additional requirement for a specific customer application has to be validated by the customer himself at his own responsibility.
Where application information is given, it is only advisory and does not form part of the specification.

TECTUS Technology GmbH | Lustheide 85 | D-51427 Bergisch Gladbach | Phone: +49 (0) 22 04 976 88 0 | Fax: +49 (0) 22 04 976 88 10