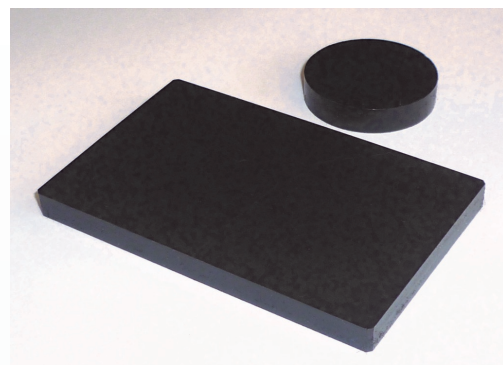


Passive RFID-Temperature Sensor SensID-TL

The SensID-TL is a *Batteryless Wireless Temperature Sensor*. It is designed for temperature monitoring up to 125°C in harsh environment.

The interface is in compliance with RFID standard EPC Global, Class1, Gen2 and ISO 18000-6C conform.

It combines integrated wireless temperature sensor functionality and the ability to take advantage of RFID technology.



Features

- ⇒ Passive wireless RFID sensor tag (PWST) with integrated temperature sensor
- ⇒ Batteryless wireless temperature sensor
- ⇒ Maintenance - free
- ⇒ Extended temperature range up to 125°C
- ⇒ Unique identification number
- ⇒ Interoperable with RFID infrastructure EPC global, Class1, Gen2, ISO 18000-6-C
- ⇒ Read range up to 1.5 m depending on sensor size, reader power, reader antenna size and environment
- ⇒ On metal option
- ⇒ Evaluation kit, desktop reader and handheld reader
- ⇒ Customizing possible

Application

- ⇒ Facility management
- ⇒ Thermal process monitoring
- ⇒ Laboratory
- ⇒ Maintenance

Key Parameters

- ⇒ Size SensID-TLL 90 x 60 x 6 mm³
 SensID TLS D33 x 6 mm³
- ⇒ Frequency UHF 860 MHz to 960 MHz
- ⇒ Operating range -
 Standard -35°C to + 85°C
 Extended -35°C to +125°C
- ⇒ Temperature measurement accuracy ±1 K
- ⇒ IP 67