Sigfox Ambient Temperature Sensor WSSFC-ATE

SKU: WSSFC-ATE

Doc No: WSSFC-ATE-DS-EN-10

Introduction

WSSFC-ATE is a Sigfox sensor using a Digital temperature sensor that delivers highly accurate measurements in the range of -35°C to + 70°C. With ultra-low power consumption design and smart firmware allow the complete Wireless and Sensor package run on 2 x AA battery 1.5V for 5-10 years with 15 minutes update. It can support all regions of Sigfox network in over the World, RC1, RC2, RC3, RC4, RC5, RC6, RC7.

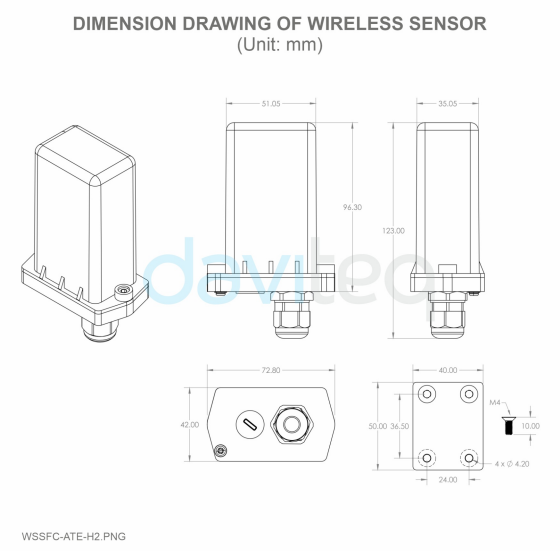
- Digital sensor technology;
- Sigfox Ready;
- 5-10 years battery life with 15 minutes update;
- Plug & Play.

Typical Applications

- Ambient temperature Monitoring for Factory;
- Ambient temperature Monitoring for Building;
- Ambient temperature Monitoring for Warehouse;
- Ambient temperature Monitoring for Data Center;
- Ambient temperature Monitoring for HVAC;
- ...



WSSFC-ATE-H1.PNG



WSSFC-ATE-H2.PNG



WSSFC-ATE-H3.PNG

Specification

SENSOR SPECIFICATION	
Sensor	Digital type, factory calibrated
Measuring range	-40°C .. + 85°C
Accuracy	+/- 0.5°C
Resolution	0.125°C
Electrical connection	PG9 cable gland
Sensor protection material / Rating	PA / IP68 (for version with sensor cable)
Sensor Filter	PA (for version integrated sensor)
SIGFOX SPECIFICATION	
Sigfox zones	select RC2-RC3-RC4-RC5 or RC1-RC6-RC7
Antenna	Internal Antenna 2.67 dbi
Configuration	via offline USB cable (PC software is supplied at free)
Battery	02 x AA Type 1.5VDC
RF Module complies to	CE, FCC, ARIB
Working temperature	-40°C..+60°C (using Energizer Lithium Ultimate AA battery)
Dimensions	H140xW73xD42
Net-weight	250 grams
Housing	Polycarbonate, IP67
Mounting	Wall mount bracket

Ordering Code

Item code	**Descriptions**
WSSFC-ATE-9-11	SIGFOX AMBIENT TEMPERATURE SENSOR, INTEGRATED TYPE, INTERNAL ANTENNA, TYPE AA BATTERY 1.5VDC, IP67, RC2-RC3-RC4-RC5 ZONES
WSSFC-ATE-8-11	SIGFOX AMBIENT TEMPERATURE SENSOR, INTEGRATED TYPE, INTERNAL ANTENNA, TYPE AA BATTERY 1.5VDC, IP67, RC1-RC6-RC7 ZONES
WSSFC-ATE-9-12-500	SIGFOX AMBIENT TEMPERATURE SENSOR, 500MM CABLE TYPE , INTERNAL ANTENNA, TYPE AA BATTERY 1.5VDC, IP67, RC2-RC3-RC4-RC5 ZONES
WSSFC-ATE-8-12-500	SIGFOX AMBIENT TEMPERATURE SENSOR, 500MM CABLE TYPE, INTERNAL ANTENNA, TYPE AA BATTERY 1.5VDC, IP67, RC1-RC6-RC7 ZONES

⚠ Link for full datasheet:

⚠ Link for manual:

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