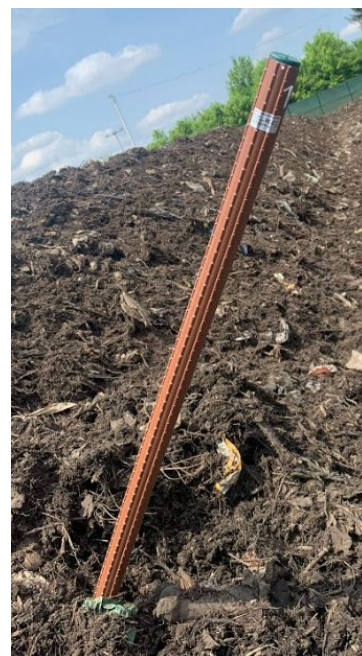**senzemo**

Senstick KOU10

Senstick is an award-winning LoRaWAN sensor. It is designed to operate autonomously for up to 7 years in harsh environments. It is suitable for wide variety of applications where reliable and case specific solution is needed. KOU10 is a cost-effective compost temperature sensor.

Key features
- Harsh environments
- Rigidized housing
- Easy installation
- Motion detection
- NFC configuration

Applications
- Compost temperature
- Soil temperature
- Mulch temperature

CE   FC   LoRaWAN™

Technical specification

Enclosure	
Weight	3kg
Dimensions	Casing: 180cm x 4cm
Materials	UV stable plastic with inside ALU protection
IP rating	IP68

Operating conditions	
Temperature	-40°C to +85°C
Humidity	0 to 100% RH

Power supply	
Battery type	2 x 1.5V AAA Alkaline
Expected operation	<7 years (depending on sampling, signal, environment)

Configuration	
Sending interval	Configuration via NFC and downlink
Data upload interval	Configuration via NFC and downlink
NFC configuration	Native Android App

Connectivity	
Wireless Technology	LoRaWAN® 1.0.3
Wireless Security	LoRaWAN® End-to-End encryption (AES-CTR), Data Integrity Protection (AES-CMAC)
LoRaWAN Device Type	Class A - End-device
Supported regions	US902–928, EU863–870, AS920-923, AU915–928
Link Budget	137dB (SF7) to 151dB (SF12)
RF Transmit Power	14dBm (Region specific)

Sensors

Temperature Probe	
Range	-55°C to +125°C
Accuracy	±1°C

Acceleration	
Range	±2g to ±16g