

LoRaWAN Leak Detection Sensor Spot Type Probe

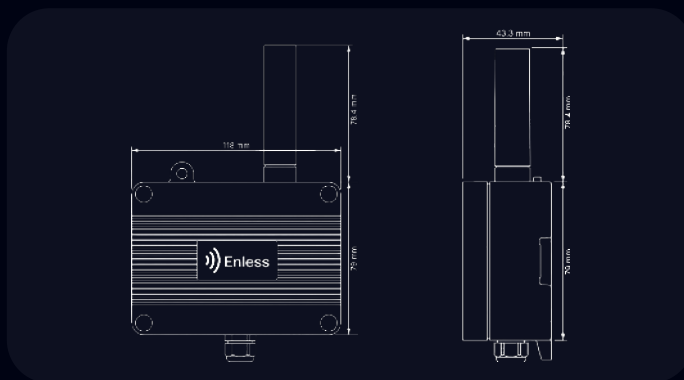
TX CONTACT 600-139 + LEAK SPOT



Description

Designed for localized water leak detection, the LoRaWAN leak detection sensor with Spot probe sends an immediate radio message upon detecting liquid at its probe (nickel-plated brass contacts). Compatible with LoRaWAN and LoRa Easy protocols (proprietary Enless protocol), its data can be sent directly to your monitoring system or building management system (BMS), without the need for cabling or extensive work.

Dimensions



Radio

Supported Protocols	LoRaWAN LoRa Easy (proprietary Enless protocol)
LoRaWAN Class	Class A
LoRaWAN Version	Version 1.0.2 RP001-1.02. revB
Frequency	US915 (915MHz)
Identifiers	LoRaWAN: DevEUI, AppEUI, AppKey LoRa Easy: LoRa ID
Transmission Power	25mW (14 dBm)
Encryption	AES128 in LoRaWAN mode

Features

Enclosure Protection Rating	Nema 4 / IP65
Mounting	Wall-mounted (screwed), Clamp, DIN Rail
Operating Temperature	-20 / +55°C
Power Supply	3.6V Lithium Battery type D (BAT D 1000-031) Info: Replaceable battery
Battery Life	12 years with a transmission every 5 minutes (SF9) Up to 15 years of autonomy
Configuration	LoRaWAN: Downlink LoRa Easy: From the receiver's server

Measurements

Interface	ToR (Threshold or Reset)
Probe Type	Probe with 2x nickel-plated brass contacts for water presence detection
Cable Length	6 meters
Messages	<ul style="list-style-type: none"> Instantaneously upon liquid detection On periodic transmission

Certifications

