

LoRaWAN State Change Sensor

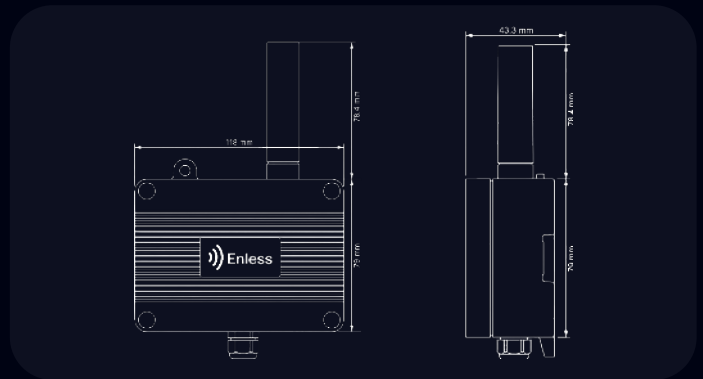
TX CONTACT 600-139



Description

Designed for state change detection, the LoRaWAN contact sensor (on/off) interfaces with a dry contact output or open collector. It sends an immediate radio message when a state change is detected on its input. Compatible with LoRaWAN and LoRa Easy protocols (Enless proprietary protocol), its data can be sent directly to your monitoring system or building management system (BMS), without the need for cabling or heavy work.

Dimensions



Radio

Supported Protocols	LoRaWAN LoRa Easy (Enless proprietary 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 for a transmission every 5 minutes (SF9) Up to 15 years of autonomy
Configuration	LoRaWAN: Downlink LoRa Easy: From the receiver server

Measurements

Interface	ToR (All or Nothing)
Number of Inputs	2 inputs
Input Types	Dry contact and open collector
Messages	<ul style="list-style-type: none"> Instantly on state change (open/closed) On periodic transmission

Certifications

