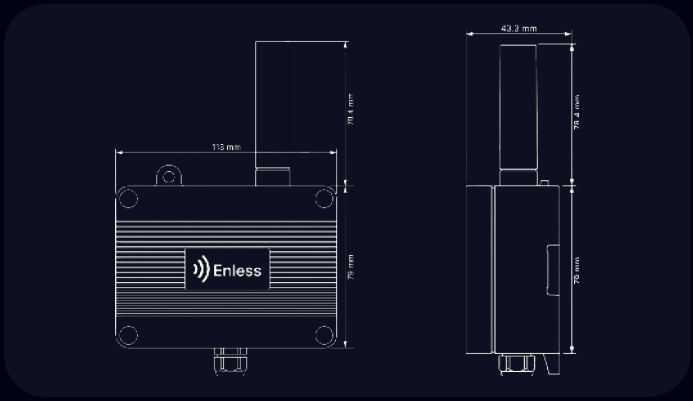
LoRaWAN Level Sensor
Float-type probe

TX CONTACT 600-139 + LEVEL PROBE

Description

Designed for liquid level monitoring, this LoRaWAN sensor can be installed in all types of environments (tanks, basins, etc.). It sends an immediate radio message upon contact (open/closed) of its float. Compatible with LoRaWAN and LoRa Easy protocols (Enless proprietary protocol), its data can be sent directly to your supervision system or BMS without cable pulling or heavy work.

Dimensions



Radio

Supported protocols	LoRaWAN LoRa Easy (Enless proprietary protocol)
LoRaWAN Class	Class A
LoRaWAN Version	Version 1.0.4 - RP002-1.0.3
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), Collar, DIN Rail
Operating temperature	-20 / +55°C
Power supply	3.6V Lithium D-type battery (BAT D 1000-031) Note: Replaceable battery
Battery life	12 years with transmission every 5 minutes (SF9) Up to 15 years autonomy
Configuration	LoRaWAN: Downlink LoRa Easy: From receiver server

Measurements

Interface	On/Off (Binary)
Probe type	Level detection probe - float switch type (minimum 4cm level). Supplied with mounting bracket.
Cable length	2.5 metres
Messages	• Instant on float contact • Periodic transmission

Certifications

FC ISED LoRaWAN