

LoRaWAN 4/20mA Analog Sensor

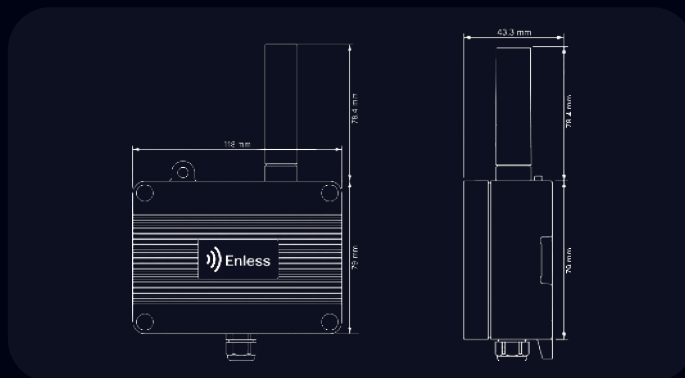
TX 4/20mA 600-135



Description

Designed for measuring analog signals, this sensor allows for the connection of a 4/20mA probe. Once your 4/20mA probe is connected to the analog sensor, the measured 4/20mA signal will be read and transmitted wirelessly by the sensor. Compatible with LoRaWAN and LoRa Easy protocols (proprietary Enless protocol), its data can be sent directly to your monitoring system or building management system, without the need for cabling or heavy 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	Lithium Battery, 3.6V 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	4/20mA
Connection	Terminal Block
Resolution	12 bits
Power Supply for 4/20mA Probe	<ul style="list-style-type: none"> Recommended external power supply It is possible to power the 4/20mA probe you connect if it supports a supply < 3V.

Certifications

