

LoRa Easy Modbus Master Transmitter

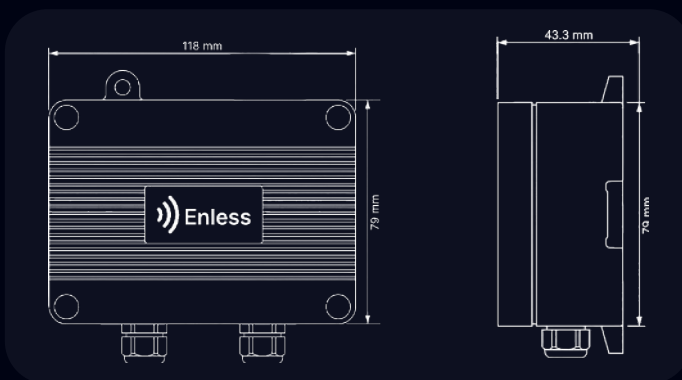
TX MODBUS 600-041



Description

Designed for reading or writing to Modbus slave registers, the Modbus master transmitter can handle up to 60 registers spread across a maximum of 10 slaves. Typically used for remote reading of energy meters, it can be used with any type of Modbus slave (CTA, Rooftop, etc.). Compatible with the LoRa Easy protocol (proprietary protocol by Enless), it communicates with an Enless LoRa Easy Modbus receiver to create a radio Modbus bridge.

Dimensions



Radio

Supported Protocol	LoRa Easy (proprietary protocol by Enless)
Radio Antenna	1/4 wave antenna provided To be connected to the SMA connector
Frequency	EU868 (868 MHz)
Identifiers	LoRa ID
Transmission Power	25mW (14 dBm)

Features

Enclosure Protection Rating	IP60
Mounting	DIN Rail Hook (DIN RAIL accessory 1000-005) Wall mounting
Operating Temperature	-20 / +55°C
Power Supply	7.5 - 24V DC (typ. 12V 1A)
Antenna Connector	SMA

Modbus

Interface	RS485
Supported Function Codes	01 : Read Coil register 03 : Read Holding register 04 : Read Input register 05 : Write single coil 06 : Write single register 15 : Write multiple coils 16 : Write multiple registers
Number of Registers	Read/write in a maximum of 60 registers
Number of Slaves	Distribution of registers across a maximum of 10 slaves

Certifications

