

Sigfox metering transmitter

TX meter reading - Energy meter with RS485 interface



RS485 MODBUS INTERFACE

UP TO 10 SLAVES / 50 REGISTERS MAXIMUM

7.5 - 24V POWER SUPPLY

COMPATIBLE WITH SIGFOX NETWORK

2 PULSE INPUTS

SPÉCIFICATIONS

Enclosure and IP rating	ABS IP 60
Dimensions (l x w x h)	118 x 79 x 43 mm
Mounting	Wall / Collar / Din Rail (option)
Radio antenna	1/4 wave SMA
Interface	RS485 Modbus / Pulse
Inputs	2 pulse inputs
Functions codes	(0 x 03) Read holding registers (and impending 0 x 04 Input registers) / 16bits, 32bits
Pulse type	Max 10 Hz - 50 ms minimum pulse width
TX working temperature	- 20 / + 55°C
Power supply	Main 7.5 up to 24 V DC maximum or external 12 V power supply (recommended)
Radio frequency band	868 MHz
Radio protocol	SIGFOX
Output power	25 mW (14 dBm)
RF sensitivity	Up to - 126 dBm
Periodicity	Configurable periodicity (from 3 to 250 minutes)
ID	Unique 8 digits ID
LED	5 LED's
Approval	CE
Ordering code	TX ENERGY + PULSE RS485 SIGFOX 300-014
Sigfox certification number	P_0043_53E7_01

DS EN 300-014-a