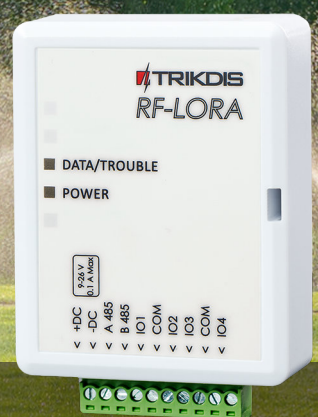




RF-LoRa Transceiver

Range of operation up to 5000 m

▼ LORA EQUIPMENT RECEIVER RF-LORA



The RF-LORA wireless transceiver is designed to work with TRIKDIS LoRa wireless equipment.

The transceiver is easy to connect to the FLEXi SP3 control panel and ensures a reliable and secure connection. The transceiver can be used with a iO-LORA and iO8-LORA expanders.



LoRa (short for long range) is a spread spectrum modulation technique derived from chirp spread spectrum (CSS) technology. Semtech's LoRa is a long range, low power wireless platform that has become the de facto wireless platform of Internet of Things (IoT).

LoRa devices have amassed several hundred known uses cases for smart cities, homes and buildings, communities, metering, supply chain and logistics, agriculture, and more.

FEATURES

Communication:

- Line-of-sight wireless range up to 5000 m.
- One RF-LORA transceiver can be connected to the "FLEXi" SP3 control panel.

Connection:

- The RF-LORA transceiver is connected to the "FLEXi" SP3 control panel via the RS485 bus.

SPECIFICATIONS:

Power supply voltage	9-26 V DC
Current consumption	Up to 50 mA (stand-by) Up to 150 mA (short-term, while sending)
Transmission frequency	433,3-434,7 MHz
Modulation type	LoRa
Report encryption	Yes
Range in open space	5000 m
Operating environment	Temperature from -10 °C to 50 °C, relative humidity - up to 80% at +20 °C
Communicator dimensions	62 x 82 x 25 mm
Weight	0.08 kg

