ATRS0011 is an industrial sensor IoT LoRa® Multifunctions making all pulse counters, electronic counters much more communicating. With the help of a slot for an additional board, the ATRS0011 extends its possibilities with new features: modbus, mbus, PT100, optical sensor, voltage measurement, current measurement, etc. Two digital inputs allow to communicate with all types of meters with pulse output: water meter, electricity meter, calorie meter, etc. An ICT input (customer teleinformation) allows communication with all existing ENEDIS meters: Blue, Linky, Yellow, SME-SMI. An extension allows to put an additional board in order to extend the capabilities of ATRS0011 (PT100 temperature, MBUS, MODBUS, current measurement, voltage measurement). Choose from two long-range communication modes LoRa® or LoRaWAN™.

Features

Locations
2 pulse counting inputs (dry contact)
1 customer teleinformation input (TIC)
1 slot for additional board

Communication
Wireless LoRa® or LoRaWAN™

Antenna
Integrated or external as an option

External from 5VDC to 12VDC or with external 3.6vdc 19Ah battery pack available depending on the boards

GPRS Gateway
Supports 20 SICE sensors

Mounts
Optional: Magnet / DIN rail/ Wall mount / Double sided tape.
(Waterproof box option available)

Dimensions
142 x 77 x 36 mm (H x L x P)

Operating temperature
From 0°C to + 50°C