

SENSECOM-IMD

Device and functionalities overview

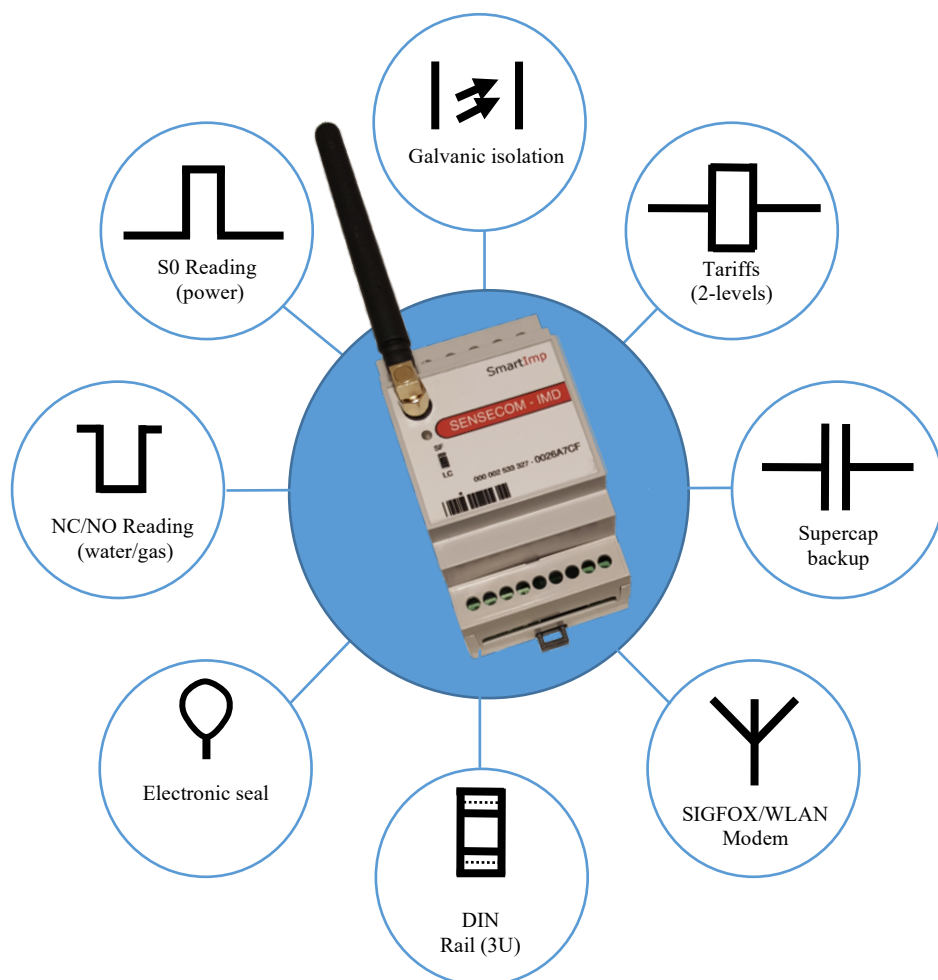
All-in-one Power energy impulse reading

SIGFOX based compact with 2 impulse source readings

SENSECOM-IMD compact reader is equipped with components required for connection to billing power meters and is able to send the data directly or indirectly to SIGFOX (using transmitter unit over WLAN for limited radio accessibility areas)

Functionalities:

- 2 Impulse readings:
 - S0* input (with tariff or direction separation)
 - NC/NO additional input
- Limited radio accessibility solution**
- 2-tariff zones or directions changes input
- S0 galvanically separated and independently powered
- Power outage detection
- Leakage detection
- Motion detection (accelerometer)
- Detection of electronic seal violations (IMDS type)
- Device power backup for 2h or extended to 48h (IMDB type)
- Remote setup of parameters (periods, volumes,...)
- Simple installation (DIN 3U)
- Low consumption <0,5VA
- All-in-one compact device



*S0 input built with galvanic separation by optron, 4,5KV overvoltage protection, and separate power supply for optron to be applicable for billing readings

**Applicable for locations with limited radio accessibility like from metallic cases, shafts, basements, etc. The device is switchable to local transmission mode (WLAN) to reach SIGFOX Transmitter SENSECOM-WSH at SIGFOX coverage area (within up to ~20m distance, or up to ~100m on direct visibility). Transmitter units are chainable (tunnels, caves, etc.).

