

Senlab[®] Metering Sensor with connector

A new era for Smart Metering Sensor

High added value meter data analytics, strong radio robustness and sensitivity combined with ruggedized and IP 68+ design make Senlab[®]

metering sensors unrivalled for meters data retrieving solutions. For a professional use we recommend a connector for a better effect.

Senlab[®] metering wireless sensors embed LoRa[™] long range spread spectrum disruptive technology, providing significantly longer range than conventional modulation techniques as well as high interference immunity whilst minimizing current consumption.

Senlab[®] sensors natively support bidirectional communications and are compliant with private network (customer managed 3G or Modbus gateway) as well as LPWA network.



Radio



Range up to 15km (Line-of-sight)
Sensitivity -138dBm
Operates in license-free ISM 868MHz
25mW (+14dBm)
Bidirectional

Environment

Operating temperature range -20°C/+70°C
CE Certification (EN300-220)
IP 68+ (fully resin potted) with connector
Dimension : L 56 x H 120 x P 35
Designed for meter, wall or pipe fixing

Main Features

Part number : PUL-LAB-33NS
Ready to use product (plug and play)
Configuration available via local application or via LPWA network
Event notification (leak, abnormal flow rate)
Data Analytics (load profile, consumption profiles, ...)

Alimentation

Lithium battery A 3.6V
Battery level notification
Up to 15 years life duration



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