MERLIN 868 HB-G3

LPWAN communication module

Radio module for mobile and stationary data collection

Application

With the MERLIN 868 HB-G3, utilities are instantly more flexible, responsive and efficient. The integrated LPWAN long range technology ensures highest data collection rates even in the most difficult installation conditions - every day. The latest LoRaWAN and Sigfox technology gives exceptional reading range even reaching meters in difficult locations. The combination with an additional mobile Drive-By mode creates a most flexible solution platform for customers.

The MERLIN 868 HB-G3 allows the utility to collect more customer usage information with e.g. hourly consumption information, allowing them to improve customer service, satisfaction and to reduce Non Revenue Water (NRW).

TECHNICAL DATA	
PROTECTION CLASS	IP68
RADIO MODES	868 MHz / max. 25 mW Walk / Drive By; Fixed Network;
ENCRYPTION	According network security
DATA & ALARMS	Meter index, Backflow, Historic readings, Alarms, Min. + Max. values
OPERATIONAL TEMPERATURE	-10 to +55°C
BATTERY LIFETIME	15 years
INCREMENTAL ENCODER	eSens (resonant target)
METER COMPATIBILITY	V200, V210, S220 and S150

The modules can be configured via a 2-way radio interface.

The stationary LoRaWAN or Sigfox mode and the mobile Walk by / Drive by mode can be used simultaneously. This allows the maximum flexibility for the meter read out process

KEY FEATURES

· LoRaWan & Sigfox communication

· Walk By / Drive By support

· 2-way radio for remote configuration

· 15 years battery life

· Advanced AES 128 Encryption

· eSens resonant target - incremental encoder

For more information

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