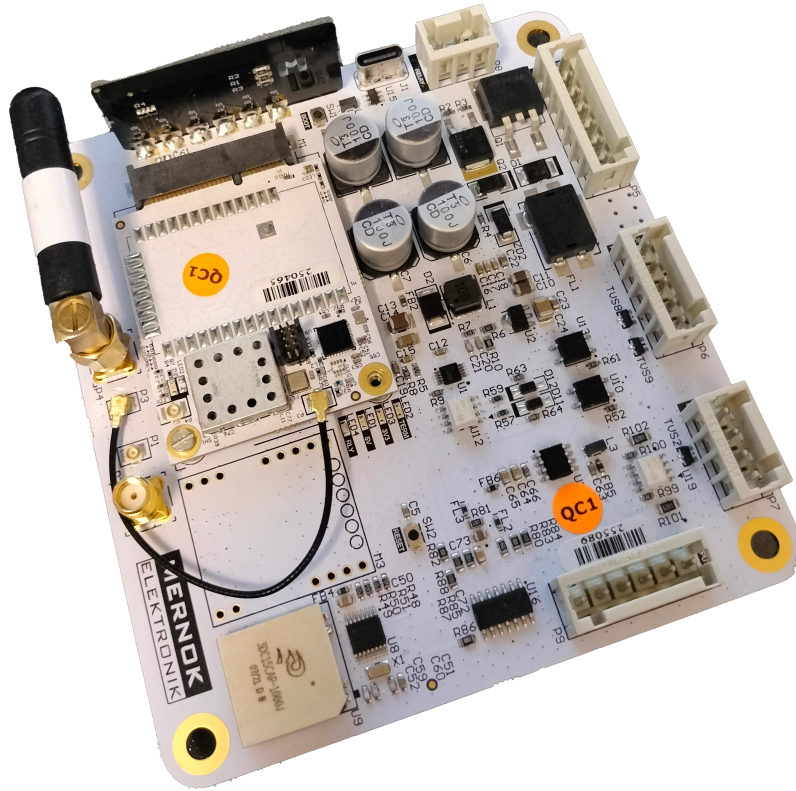


PulseLink100

Advanced low frequency magnetic field generator



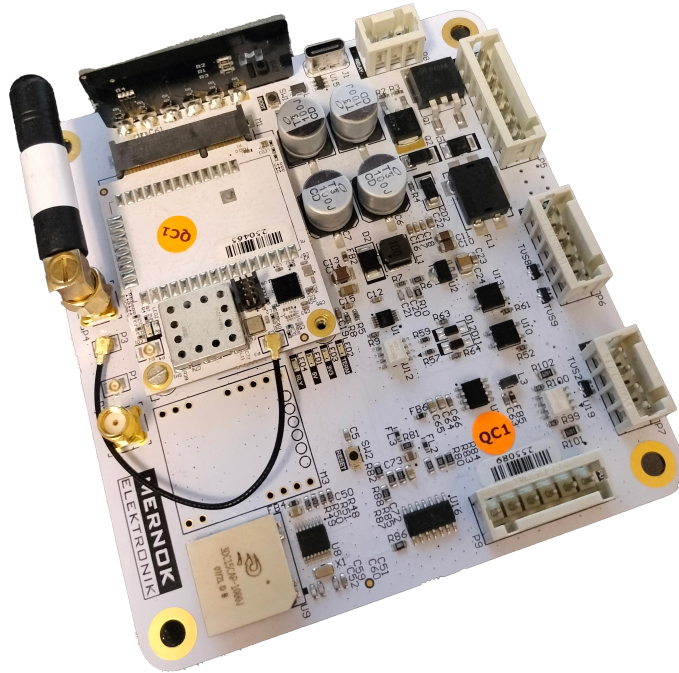
The PulseLink100 is similar to the Pulse660, and also generates a low-frequency magnetic field with object-penetrating capabilities. This magnetic field is created along a flexible cable transmitter, which allows for the generation of longitudinal fields tailored to the operational area. This ensures that the field conforms to the operational area, effectively covering all hazardous zones.

Main benefits

Enhanced safety. The low frequency magnetic field creates prohibit zones. These zones automatically halt operations if a pedestrian enters, significantly enhancing workplace safety by preventing accidents.

Flexible coverage. The flexible cable transmitter allows for the generation of longitudinal fields that conform to the operational area. This ensures comprehensive coverage of all hazardous zones, tailored specifically to the operational environment.

High precision. The PulseLink100's magnetic field has a radius of up to 10 meters and offers high repeatability. This ensures consistent performance and reliable operation, crucial for maintaining safety and efficiency.



While the length of the cable transmitter can vary, it typically measures 40 meters for Scraper winch operations to align with signaling system lengths. The magnetic field produced has a radius of up to 10 meters and offers high repeatability. Additionally, like the Pulse560, the PulseLink100 is equipped with an internal sub-GHz RF transceiver for enhanced functionality.

Functions

- Ferrite-based magnetic field generator (field capable of penetrating rock)
- Vehicle-to-pedestrian RF transceiver
- Magnetic field receiver (System self-monitoring)

Features

- Unique identifier
- Vehicle identifier
- Data logging
- CAN FD bootloader
- NFC
- Dynamic CAN bus neighbour sensing

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