Pulse660

Enhancing safety with low-frequency magnetic fields and prohibited zones

The Pulse660 generates a low-frequency (LF) magnetic field with object-penetrating capabilities. This magnetic field is created along a flexible cable transmitter, which allows for the generation of longitudinal fields that follows the shape of the vehicle. This is particularly useful for vehicles that can articulate as the magnetic fields will adjust with the articulation.

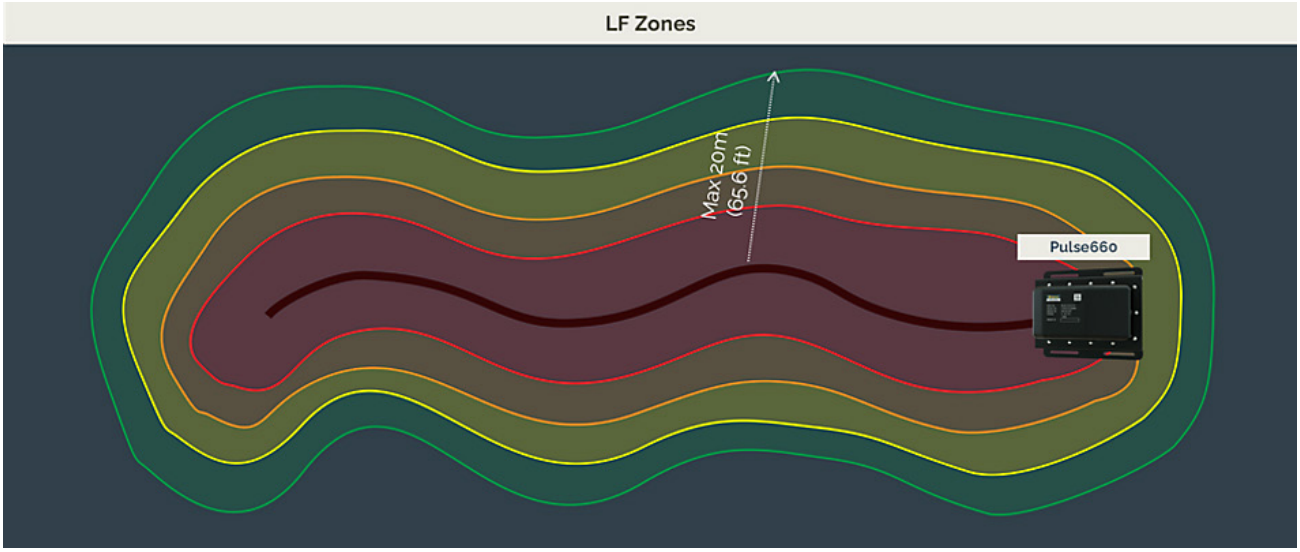
Main benefits

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 Pulse 660'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.

Functions and features



The magnetic field produced has a radius of up to 10 meters and offers high repeatability. Additionally, like the Pulse560, the Pulse660 is equipped with an internal sub-GHz RF transceiver for enhanced functionality.

Functions

- 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