

Operation description

Acousto-Magnetic (AM ,Transceiver System)

Acousto-Magnetic systems transmit a radio frequency signal at 58 kHz in a pulsed pattern.

The transmit signal energizes an Acoustic-Magnetic tag in the detection zone.

When the transmit signal pulse ends, the tag responds, emitting a very distinctive frequency signal, like a tuning fork. While the transmitter is off between pulses the tag signal is detected by the receiver.

The ground of the system is commonly connected to the ground for the power supply.

The integral antenna, loop coil antenna, is employed.



