



ILIA

High sensitivity line detectors

Mod. ERHS0712

The system is made up of the following components:
Receiver Unit (Rx) – Transmitter Unit (Tx)
Control Unit (CSRLS)

Mod. ERRHS0712

The system is made up of the following components:
Transmitter-Receiver Unit (TRx) – Reflection Unit (Ref) Controller Unit (CSRLS)

General characteristics

Detector whose design, technology, style and manufacture are **all Italian**

- Suitable for use in all industrial and civil premises
- Extremely easy to install and program
- Very inexpensive to assemble, wire up and maintain
- The detector can be installed horizontally or vertically and can work at any angle
- The integrated diaphragm permits a range of adjustments

Control Unit for the programming, calibration and performing of remote tests on line detectors, with the following possibilities:

- Basic configuration for two line detectors, even of different types
- Expansion board for connection from 2 to 8 detectors and line loop closure (optional)
- On site installation at reachable height
- Alarm and fault outputs can be programmed for each individual detector
- Operational access to the program keyboard is protected by password
- Control Unit and/or Control Panel reset facility

Base can also be installed separately from the detector for pre-wiring

- Plug-in base to detector connection
- Back up board to ensure continued working even after short circuit

Key special key for alignment, diaphragm adjustment and opening and closing of the base and of Control Unit

Product features

Standard EN 54/12

Automatic threshold compensation

Protection degree IP65

Test alarm function

RoHS compatible

Maintenance request

Thermoplastic PPE + PS case with High Impact resistant

Automatic RESET of detector after break in infrared beam

Complete directional stability over time

Fault output relay that can be delayed up to 90 seconds

Operating distance

Self-tester for RS485 communication

- Mod. ERHS0712 10 to 200 meters
- Mod. ERRHS0712 10 to 150 meters

Power supply – 12-24 V dc auto select

Connections to 4 serial line conductors RS485

Angle misalignment

- Mod. ERHS0712 ± 1°
- Mod. ERRHS0712 ± 1° for TRX Unit
± 5° for REF Unit

Sensitivity adjustable and selectable over a wide range, using the control unit CSRLS

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