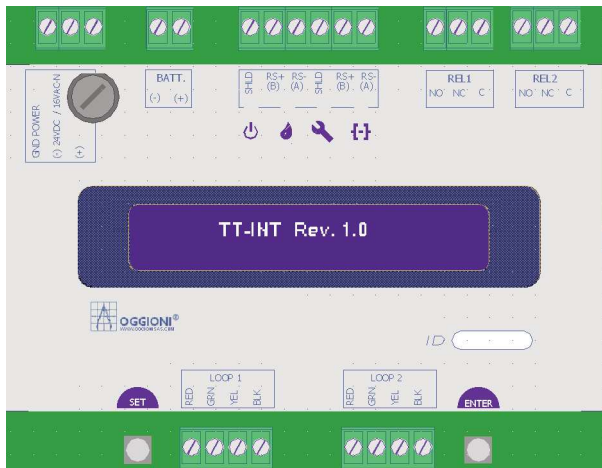


TT-INT TraceTek® HC leak detection Interface



GENERAL DESCRIPTION

The TT-INT modules are a simple and cost effective double channel interface for TraceTek® sensing cables and sensing probes.

These modules can detect and localize with accuracy leaks on lines that can be up to 150 mt (500 ft) long for each channel, with a localization accuracy of 0.1% .

Each modules has two alarm relays, programmable, with two inputs, a wide LCD

display to indicate the system status, the leak position, with the possibility to visualize a descriptive text of the alarm zone.

The connections of the TT-INT modules is done by screw connectors that accept #22 AWG ÷ #14 AWG (0.5 ÷ 2.5 mm²) section cables.

Before to power up the device please be sure that all the electrical connections are complete and correct, particularly be sure that the installed sensing cables have all been checked according the operating instructions supplied with the cables.

If the sensing cables or probes are installed in classified fire hazardous areas as Zone 0 or Zone 1, the cable or the probe must be protected by a Zener barrier.

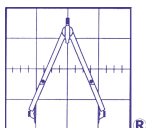


Applications:

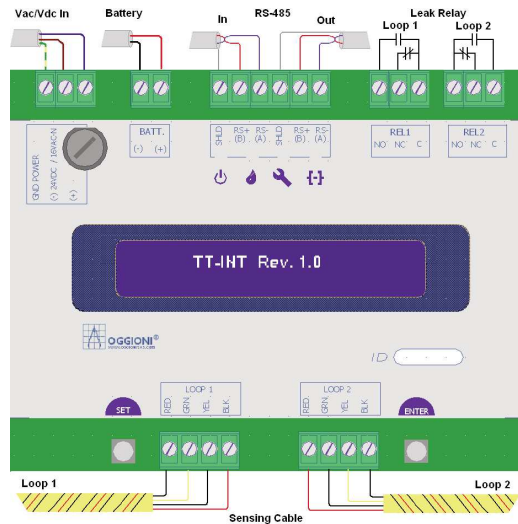
- Storage tanks bunded areas
- Multi line leak detection systems for industrial plants
- Commercial buildings
- Above ground storage tanks
- Airport hydrant fuel systems
- Buried fuel piping
- Hydrocarbons Storage plants and warehouses
- Waste water plants
- Process monitor systems
- Datacentres protection



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General Technical Characteristics

- RISC 8 BIT Microprocessor.
- RS-485 9600/19200 baud communication serial line.
- RTU MODBUS™ communication protocol .
- Two inputs for TraceTek sensing cables or probes.
- Maximum length for sensing cables 1000 mt (3280 ft) for each input.
- Maximum quantity of probes 3 for each input.
- Leak localization accuracy ± 1 m.
- LCD Display 2 lines x 20 prints back lit with power-safe function.
- Two Alarm relays 3A@250V SPDT programmable.
- Back up control and battery charging conditions circuit.

Enviromental Specification

EMC:	According to EN61000-4
Storage temperature:	-40 to 85 °C
Operating temperature:	-20 to 70 °C
Humidity range:	90% R.H. n.c.
Degree of protection:	IP30

Mechanical Specification

Overall dimensions:	150x110x60 mm
Weight:	300 g.
Mounting:	Rail DIN 41612
Termination:	Terminal block

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