Ecologic

RSP Technology do Brasil

Ecologic II FRC

Enviromental Monitoring

Description

Ecologic II® FRC (Forecourt) is complete platform for enviromental monitoring system using MuxLiq® and SmartLiq® sensors used to detect and register leak alerts to avoid soil contamination.

Meets requirements of CONAMA 273/2000 standards.
SmartLiq® sensors and Muxliq® devices could be instaled in monitoring well in doubled wall tanks, pump sumps, tank sumps, diesel filters sumps and others.

The Ecologic II® allows continuous monitoring of liquid sen¬sors installed at the station with alarm indication, with a large memory to record historical events. Has a built in connection to drive a printer (optional).
Has slots for intrinsic safety barriers that can support MuxLiq® devices for sensor monitoring placed in hazardous area.

Características e Benefícios

- Allow up to 6 Muxliqs®, and 48 SmartLiq® (Universal ou Tri-state model).
- Continuous monitoring with different alarm level to inform leakage.
- Buit in Real Time Clock for greater accuracy to timestamp alarms
- Avalanche Dettection (AD) of alarms.
- Dry contact Output (SPDT) for external interface of alarm indication.
- Store up to 500 events in memory.

Instalation

Simple assembly with metalic hardware with supports cable connection easily.

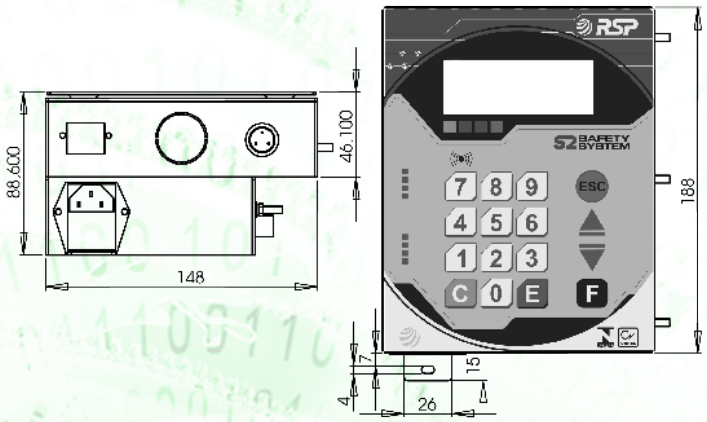
Local Operation

Ecologic II FRC® operation is perfomed through intuitive menus, without common complex scripts and difficult trainning guides.

Uses membrane keyboard with 16 keys and a backlighted LCD, status indicators and buzzer.

Users can full access to sensor status and event list.

Dimensions



Technical Specifications

Weight	2,1 Kg
Operation Temperature	0 a 50°C (32 a 122°F)
Humidity	90% (máx)
Instalation Site	Inside
Power Requirements	90/240VC, 50 ou 60Hz
Barriers	6
Display	LCD 4 Lines x 20 Rows
Serial Channel	RS 485 (MuxLiq)

Intrisically Safe Parameters

Ex ia Ga IIA
Um=250 V
Uo= 15,75
Io=400mA
Po=1,6W
Lo= 2mH
Co=0,9 µF
Tamb= -20 à 50°C

Considering technological continuous upgrade, any modifications can be made without notice.
Photos only for illustration purposes. Version 7 20.03

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