

Ecologic II MDB

Enviromental Monitoring



Description

Ecologic II® MDB, (ModBus) operating with MuxLiq® and SmartLiq® sensors, is a complete platform for enviromental monitoring, which detects and register every leak giving alerts to avoid soil contamination.

Meets requirements of CONAMA 273/2000 standards. SmartLiq® sensors and Muxliq® are fully managed and could be instaled in monitoring well in doubled sided tanks, pump sumps, tank sumps.

Besides that, Ecologic II MDB® is designed to interface with many PLC Programmable Logic Controllers or SCADA Systems - Supervisory Contrtl and data Aquisition using ModBus protocol over ethernet.

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.
- Connects directly with several PLC or SCADA system.
- Work with two ModBus protocols: Ethernet or RTU.
- With MDBConfig software configuration is simple.
- Avalanche Detection (AD) of alarms.
- Dry contact Output (SPDT) for external interface of alarm indication.
- Store up to 500 events in memory.

Instalation

Simple assembly with metallic hardware with supports cable connection easily.

Local Operation

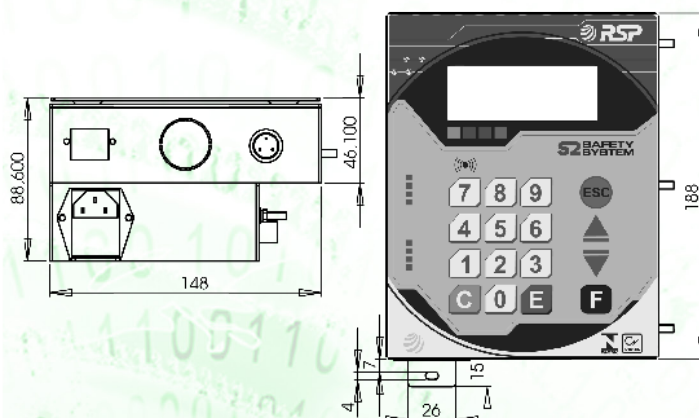
Ecologic II MDB® operation is perfomed through intuitive menus, without common complex scripts and difficult training guides.

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

Users can fully access to sensor status and event list.

Ecologic II® MDB is designed to use in Diesel Generator Set.

Dimensions



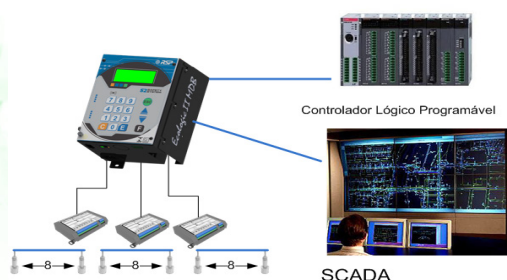
Technical Specifications

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 Linhas x 20 Colunas
Communication Protocol	ModBus (Ethernet e RTU)

Intrinsically 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

Connection



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

Version 7 - 2002