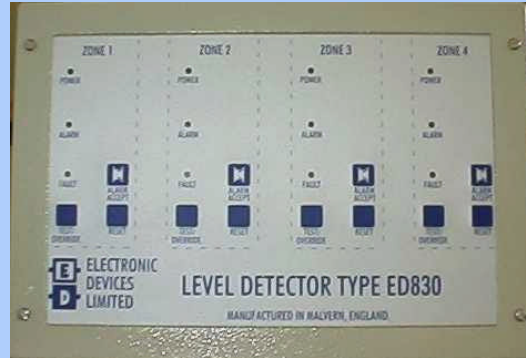


LEVEL DETECTOR TYPE ED830

Features

- Four completely separate zones
- Each zone is individually fused
- 1 set of 8A sounder contacts per zone
- Separate mute facility per zone
- 1 set of 8A pump contacts per zone
- 1 set of 8A beacon contacts per zone
- Pump run on timer per zone
- Anti-slop timer per zone
- Fully fault monitored zone wiring



GENERAL

The ED830 is a four zone level alarm control unit designed to meet the MCA code of practice. In particular, each of the four zones are totally independent. Each zone has completely separate circuitry, switches, fuses, output relays, lamps, etc. In addition the zone wiring is fault monitored with the aid of a 4K7 ohm end of line resistor, which must be fitted at the end of the zone wiring. Both on and off delay times can be adjusted for each zone giving a pump run on facility and avoiding nuisance alarms due to movement of the vessel. With the flexible circuitry employed by the ED830 additional float switches can be fitted to each zone without the need for modification, however current regulations should be consulted when deciding upon the numbers of float switches required.

HAZARDOUS AREA

Where a particular installation is classified as Hazardous, consideration should be given to the possibility of fitting an Electronic Devices Interface unit containing Zener Barriers to make the installation Intrinsically Safe.

If full Marine Approval is required, the ED700 multifunction alarm panel manufactured by Electronic Devices Ltd should be considered.

Approved By:



Sensors can be BASEEFA Certified Intrinsically Safe where applicable.



Certificate No. M0344

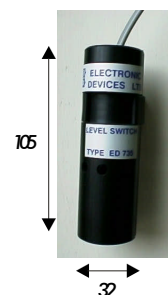
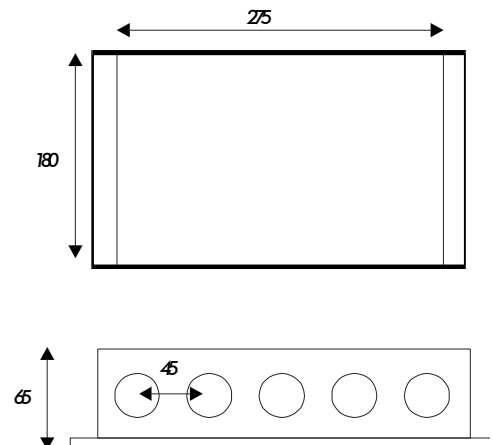
Quality Assurance to BASEEFA (HSE) Regulations Certificate Number: M0344

SPECIFICATION

1. Power input 12VDC or 24V DC (Please specify with order)
2. Typical Current consumption per zone:
in non alarm condition=20mA
in alarm condition=25mA
with short circuit wiring
fault=70mA
Note sounder, beacon and pump consumption not included.
4. Ambient temperature range -25C to +55C

DIMENSIONS

(All dimensions in mm)



FLOAT SWITCH TYPE ED735