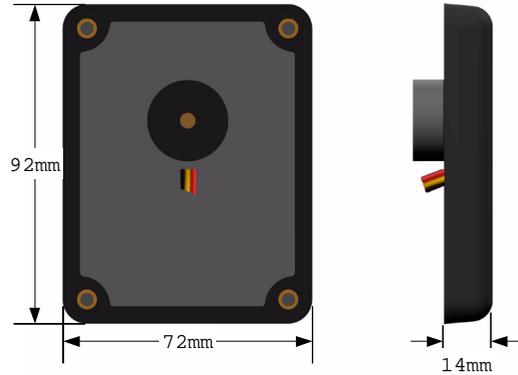


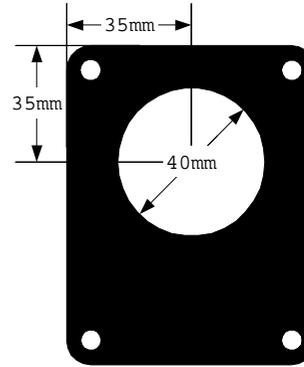
SEA-FIRE FIRE SUPPRESSION SYSTEM MONITOR. Part No. 131-400



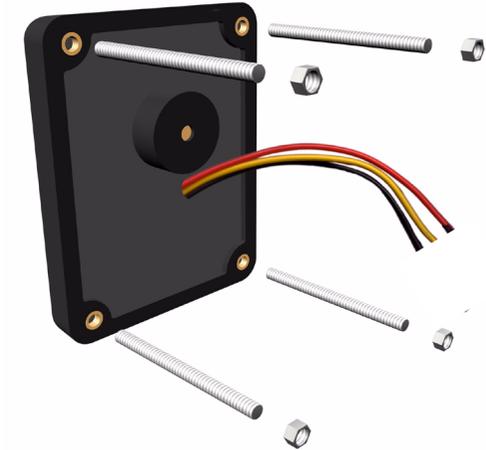
131-400 FRONT



131-400 REAR AND SIDE PROFILE



131-400 FIXING GASKET



131-400 REAR FIXINGS AND CABLE

FEATURES

- ü VISUAL/AUDIBLE EXTINGUISHER DISCHARGE INDICATION
- ü 12/24 VDC COMPATIBLE
- ü WEATHERPROOF
- ü DAY/NIGHT LED DIM FUNCTION

OPERATION

During power on, the Power and Discharged LED's will light and the alarm will sound for one second. This is a test function to test the integrity of the wiring.

After this test, if there are no faults, only the green Power LED will remain lit.

Should the Sea-Fire extinguisher discharge, the red Discharge LED will light and the alarm will sound. The alarm can be silenced by pressing the Silence button. The red Discharged LED will remain lit.

If the cylinder has not been replaced next time the power is turned on, the alarm will sound continuously and the Discharged LED will light. The alarm can be silenced by pressing the Silence button.

The Discharged LED can only be reset by replacing the cylinder, and performing a reset by simultaneously pressing the Silence and the LED Dim button. If two panels are fitted, each panel will need to be reset.

The green Power LED can be dimmed for night operation by pressing the LED Dim (right hand) button on the panel. A further press will return the LED to full brightness.

INSTALLATION

Install the panel at or as near as possible to the helm station. The location selected must allow access for wiring. Use the gasket template to drill the four fixing holes and the 40mm diameter hole for the buzzer and wiring. After drilling, remove the centre cut out of the gasket prior to fitting. Screw the four mounting studs into the brass inserts until they are hand tight. Secure the panel with the hardware provided. Do not over tighten.

Prior to proceeding with electrical connections, ensure that the Sea-Fire automatic fire extinguisher has been properly installed in the compartment to be protected in accordance with the instructions supplied with the extinguishing unit.

ELECTRICAL CONNECTIONS

As a minimum use No. 16 AWG insulated copper wire conforming to the American Boating & Yacht Council (ABYC) standards for marine use on all wire connections.

Connect the black wire from the panel to a suitable ground (negative battery).

The yellow wire must be connected to one lead of the extinguisher pressure switch. The other pressure switch lead must be connected to ground.

Connect the red wire from the alarm unit to 12/24 Volt. An inline fuse (1 Amp maximum) should be installed.

Should requirement for multiple extinguishers exist (i.e. separate engine and generator compartments), the extinguisher pressure switches must be connected in series in order for each to activate an alarm.
CAUTION: DO NOT PARALLEL SWITCHES

If a second display is required, connect it in parallel.

INSTALLATION CHECK

When power is applied to the panel, the Power and Discharged LED'S will light and the alarm will sound for one second. After this period just the green Power LED will remain lit.

Disconnecting either lead at the extinguisher pressure switch will activate the audible alarm and illuminate the red Discharged LED. Pressing the Silence button will silence the alarm.

Reconnect the pressure switch at the extinguisher. Press the Silence button and the LED Dim button simultaneously to reset the panel.

If two panels are fitted, each panel will need to be reset after a test or discharge.

