

BE50 and BE51 – Sensors

Installation and User Notes – Use with Index Marine Alarm Panels

Pass the sensor cables through the gland top and then through the bung ensuring that the sheath and cores are inside bung and checking that there will be adequate cable inside the box to reach the connector block without strain. Pass the cable into the box and tighten the 3 fastening screws. The terminal block is fitted with shorting links, the purpose of which is to prevent the alarm sounding should less than 4 sensors be connected. Connect the sensors into the numbered 12 way connector block, as shown below, removing the appropriate shorting link as each one is connected. If four sensors are to be connected all the shorting links should be removed.

Using with BE15 4-Station Alarm Panel:

Sensor Number	Wire Colour			
	C1 Red	C2 Green	C3 Yellow	C4 Blue
1	1	5	9	11
2	2	6	9	11
3	3	7	10	12
4	4	8	10	12

Make sure that each wire is inserted fully into the terminal socket, and that it is being gripped by the tinned screw when tightened, and that the screw is tight. Be especially careful when two wires are fitted in to one terminal. Carefully replace the lid and tighten the lid securing screws.

- Sensor: 20 x 50mm
- Lead: 10m

BE51

An optical fluid sensor which uses light refraction to detect fluids and is fitted with a 10 meter cable. When detection circuitry is triggered by the presence of fluid a signal is sent to the control panel. This sensor, which has no moving parts, can be used with the BE10, BE15, BE16, BE18 or BE20 panels depending on the system requirements.

BE55

A resistive fluid sensor fitted with two small probes which allows very low voltage and extremely low amperage to pass between them when immersed in fluid. When detection circuitry is triggered by the presence of fluid a signal is sent to the control panel. This sensor, fitted with a 10 meter cable, has no moving parts and can be used with the BE10, BE15, BE16, BE18 or BE20 panels depending on the system requirements.

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