



LSC-ISO

Loop Sounder Control Module (with 1 A monitored output)

The LSC-ISO Module is a fully monitored interface which is used to connect a line of conventional sounders to the GFE’s range of Addressable Fire Detection Control Panels via the detection loop. The Green LED will pulse every time the unit is polled by the panel. Three LEDs are provided to indicate module status. The Yellow LED will be ON whenever there is a fault condition in the module and finally the Red LED will be ON when there is an alarm condition in the conventional zone.

The module requires an external 24V DC power supply and can supply up to 1A at the sounder output which is monitored for both open and short circuit faults. A 10 K ohm end of line resistor is connected to the last sounder to provide line monitoring.

The LSC-ISO uses the Global Fire proprietary sounder control protocol and therefore is only compatible with GFE’s range of addressable control panels. The output can be programmed as pulsed or continuous. A maximum of 32 LSC-ISO can be connected to each Loop using address numbers 94 to 125 inclusive.

Also available complete with housing. Address setting is via switches 1 to 5 of the 6 way DIL switch where all off represents address 94.

TECHNICAL SPECIFICATIONS

SUPPLY VOLTAGE	17 V to 30 V DC
LOOP CURRENT	1.0 mA (Quiescent or OC/ SC FAULT) - 1.65 mA O/P active
EXTERNAL SUPPLY@ 24 V DC	1.2 mA Quiescent - 1 Amp maximum for sounders
MAX. CABLE SIZE	2.5 mm ²
COLOUR / MATERIAL	White or Red / ABS
OPERATING TEMPERATURE	-10°C to 50°C
MAX. HUMIDITY	95% RH Non-Condensing
DIMENSIONS 1	00 (D) x 48 (H) mm
WEIGHT MODULE / BOXED	24 g / 155 g

ORDER CODE

LSC-ISO	LOOP SOUNDER CONTROL UNIT
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