

PEX8

Premier EX8 Combined extinguishing and Fire Alarm Panel



The Premier EX8 has been designed to BS EN 12094-1:2003 & EN54 parts 2 & 4 standards. It has 2 “crossed zones” for co-occurrence detection for the extinguishing circuit, and 4 conventional zones for standard fire alarm detection for the rest of the installation (non-protected area).

The panel has a large variety of inputs & outputs, allowing it to connect to a wide variety of equipment.

The panel has a built in manual release call point with 2 stage operation to initiate the gas release.

The panel also has a serial output to an optional 4 wire repeater panel.

Panel Inputs & Outputs

SOUNDER OUTPUT	1 X COMMON SOUNDER 400mA @ 28V DC 1 X 1ST STAGE SOUNDER 400mA @ 28V DC 1 X 2ND STAGE SOUNDER 400mA @ 28V DC
FIELD STATUS INPUTS	GAS FIRED MANUAL RELEASE EMERGENCY HOLD EMERGENCY ABORT AUTOMATIC/MANUAL MODE LOW PRESSURE BOTTLE SCALES
RELAY OUTPUTS	FIRST STAGE ALARM SECOND STAGE ALARM GAS RELEASED FAULT
REPEAT OUTPUTS	ABORT ACTIVE HOLD ACTIVE MANUAL RELEASE OPERATED BOTTLE OPERATED MANUAL MODE AUTOMATIC MODE GENERAL FAULT

MODEL	PEX8
PART NO	37-091
SUPPLY VOLTAGE	230V AC +/- 10%
SYSTEM VOLTAGE	24V DC (NOMINAL)
DETECTION ZONES	2 x CROSSED ZONES, 4 PERIPHERAL ZONES
ZONE VOLTAGE	22V DC (OFF LOAD)
CROSSED ZONE EOL	10 K RESISTOR
PERIPHERAL ZONE EOL	100uF CAPACITOR
SOUNDER OUTPUT	1 X COMMON SOUNDER 400mA @ 28V DC 1 X 1ST STAGE SOUNDER 400mA @ 28V DC 1 X 2ND STAGE SOUNDER 400mA @ 28V DC
SOUNDER EOL	10 K RESISTOR
BOTTLE OUTPUT	2 AMP , 28V DC
BOTTLE EOL	10 K RESISTOR
FIELD STATUS INPUTS EOL	10 K RESISTOR
SERIAL REPEATER OUTPUT	4 WIRE (2 POWER, 2 DATA)
OPERATING TEMPERATURE	-0° C to 50° C
ENCLOSURE SIZE	485 X 395 X 130mm
WEIGHT	8 KG