

FEOE2000 Fyreye-Extra Conventional Optical Smoke Detector

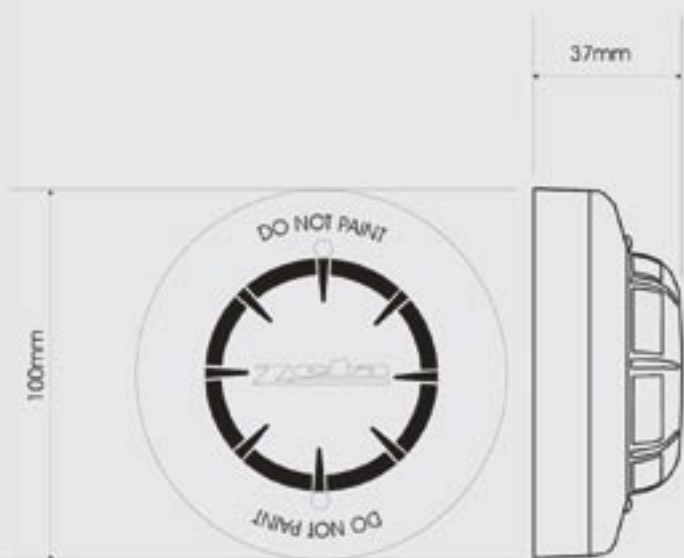


The Fyreye “Extra” range of conventional detectors have an extra LED to improve detector identification in an alarm condition. The 2 LEDs allow an alarm to be observed from all angles.

The Detector uses a pulsing IR LED & Photodiode to detect IR scatter caused by smoke entering the chamber

The detector will work with most modern fire alarm control panels, and comes supplied with a locking grub screw to prevent unauthorised head removal.

The FEOE2000 is particularly suitable for detecting optically dense smoke, involving materials such as soft furnishings, PVC, plastic, foam, and all similar materials which produce small visible particles (0.5 to 10 µm)



MODEL	FEOE2000
PART NO	80-022
DETECTOR CLASS	Optical Smoke
DESIGN STANDARD	EN54 Pt 7
APPROVAL	DIFT
OPERATING VOLTAGE	9-33V DC
QUIESCENT CURRENT	65µA
ALARM CURRENT @ 24V DC	53mA MAX
OPERATING TEMPERATURE	-10° C to +50° C
MINIMUM CONTINUOUS TEMP.	0° C
MAX. HUMIDITY	95% RH Non Condensing
ALARM CONDITION	2.4% Obscuration per metre
COMPATIBLE BASES	FE-SB Sounder Base FE-SFB Sounder Flasher Base
COVERAGE	100m ²
IP PROTECTION RATING	IP 43
START-UP TIME	10 Seconds
SIZE, DIAMETER x HEIGHT (WITH BASE)	100 x 37 mm (101 x 53 mm)
WEIGHT (WITH BASE)	95g (153g)