



From world leaders in **SENSOR TECHNOLOGY**
comes **SENORTEC.....**



SENORTEC - FLAME DETECTORS

ULTRAVIOLET FLAME DETECTOR Model: NFD-68P

The NFD-68-P is the direct replacement for the 2VA-P and NFD-18-2 U.V. flame detector's and operates on the same principle. The circuitry is designed to provide protection against false alarms and the unit must observe a fire indication for an 8.5 second period before indicating a fire condition to the control panel. A latching circuit is fitted with an LED indicator operating on the detector until a 'reset' signal is sent from the control panel. Wiring to the detectors is a simple two wire method, with connections to a normal zone pair. There is also a facility for remote switching via the 'P' terminal.



Part Number: 60043

BASE COMPATIBILITY

The NFD-68-P is supplied as standard with a B4-F base, however the NFD-68-P is also compatible with our STB-4 and RB-3/6 bases.

INSTALLATION

The NFD-68-P may be used to supplement smoke and heat detectors on the same zone especially in the coverage of high compartments where unobstructed line of sight is obtainable

FLAMEPROOF ULTRAVIOLET FLAME DETECTOR Model: NFD-FPH

The NITTAN NFD-FPH flameproof UV flame detector utilises the NFD-68-P flame detector. The NFD-FPH is for use in areas made potentially hazardous by the presence of flammable liquids, gases or vapours, (Zone 1 or Zone 2).

The housing has a threaded cover to enable ease of access for installation and includes internal and external earth terminals suitable for up to 4mm cable.

STANDARDS:-

CENELEC STANDARDS EN50014/50018
NBMC23.001/103
ISSeP APPROVED (Formerly INIEX)
EEXd IIC T6
Part Number: 63540

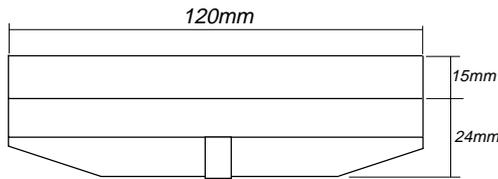


Part Number: 63540

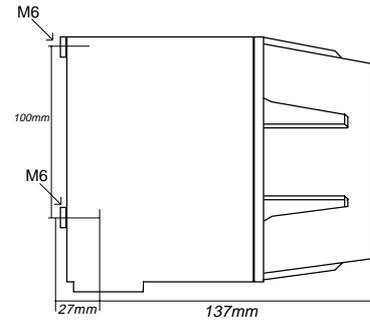
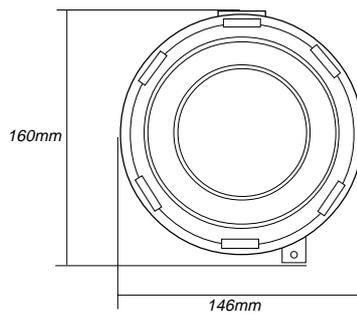
NITTAN (UK) LTD - BRINGING STYLE INTO FIRE DETECTION SYSTEMS

DIMENSIONS

NFD-68-P

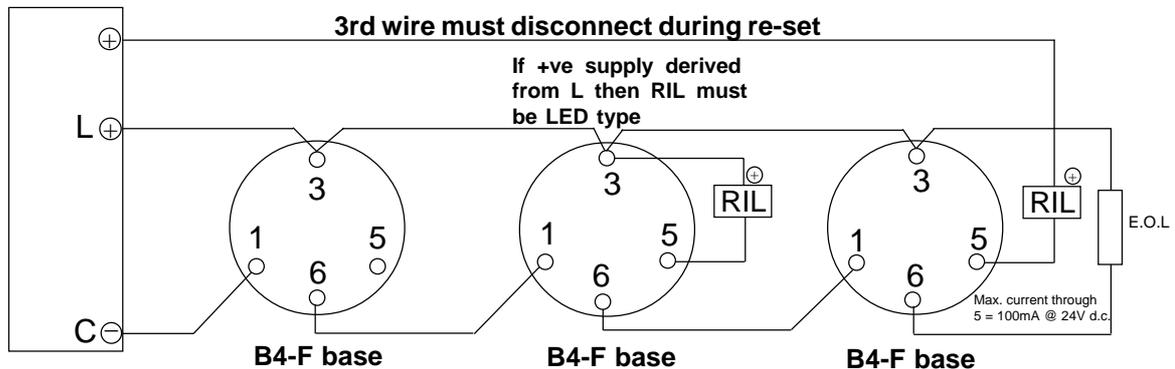
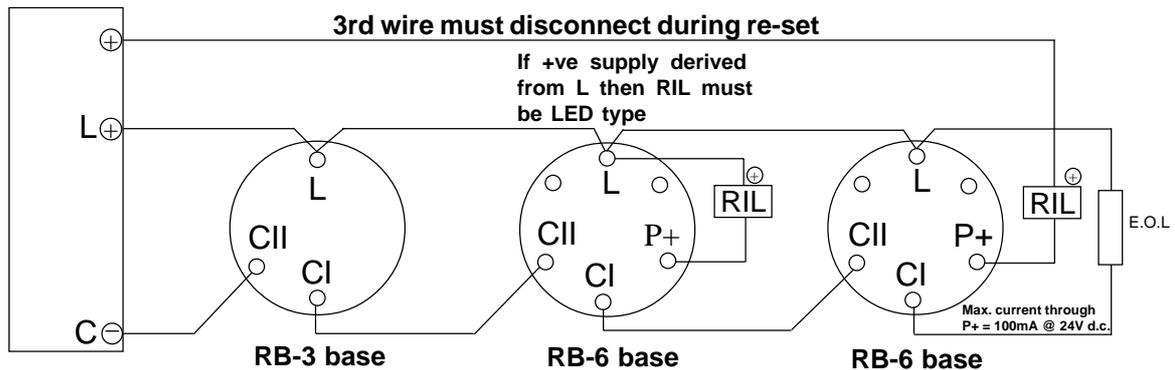


NFD-FPH



CONNECTIONS

IMPORTANT NOTE: When replacing a NFD-18-2 with a NFD-68-P, if a third wire is connected to the C11 terminal on the base or a link was placed across L & CII on the base, then this must be removed prior to the installation of the NFD-68-P in the RB-3 base.



TECHNICAL SPECIFICATION

Model: NFD-68-P

Detector Type:	-	Conventional, ULTRAVIOLET
Part No:	-	60043
Voltage:	-	10V to 30V d.c.
Quiescent Current:	-	120µA (max.) @ 24V d.c. (through terminals L & C)
Alarm Current:	-	65 mA. max.
Operating Temperature	-	-10 deg.C to +50 deg.C.
Remote LED Output:	-	'P' terminal = 30V - 100mA (through terminals P & C via 3rd wire)
Mass:	-	110g, excluding base
Relative Humidity:	-	95%
Compatible Base	-	STB series and RB-3/6
Detector Acceptance Angle	-	100 Degrees.

Model: NFD-FPH Housing

Part No:	-	63540
Body & Cover	-	Copper free aluminium (Powder coated)
Locking Screw	-	Steel zinc plated
Window	-	Quartz Glass (Heat resistant)
IP Rating	-	IP54 (no gasket) IP67 (c/w gasket)
Cable Entries	-	2 x M20 (1.5mm pitch)
Classification	-	EExd IIC T6.

For further information please refer to technical manual NISM/NFD/01 dated APRIL 1995.

©. In pursuance of our policy of continuous product improvement, we reserve the right to change the specification without prior notice. NSL/NFD/03. August 1999.



NITTAN (UK) LTD

Hipley Street, Old Woking, Surrey. GU22 9LQ. ENGLAND TEL: 0044 (0)1483 769555 FAX: 0044 (0)1483 756686
Web site: www.nittan.co.uk E-mail: sales@nittan.co.uk. Technical Support:- technical-support@nittan.co.uk