

NC-DPM-W

Conventional multisensor fire detector (White)

General

The NC-DPM-W is a optical and heat multisensor detector. It combines photoelectric (optical) detection, fixed temperature and rate-of-rise detection technology. The smoke and heat sensors are integrated to provide a solution to a wide range of applications, allowing detecting of more complex fire types. Amongst these include are fire types generating black smoke as well as small particles fires such as those from burning alcohol.

Application

The detector supports installation on the NC-DB-W conventional detector base for standard applications, or the NC-DBD-W diode base when head-out functionality to BS5839 standard is required. Detection sensitivities are programmable using the NC-D-PT device programmer.



Détails

- Supports drift compensation to enable good environmental adaptability
- Self-diagnostic
- Local test activation with reed switch
- Chamber contamination checking
- All round LED visibility (360° viewing angle) avoids time spent on specific detector orientation
- Configurable polling LED support
- Remote indicator output
- 2 Programmable smoke sensitivity levels

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Spécifications techniques

Général	
Indication d'état	Red LED
Interface utilisateur	Via LED - polling, fault, contamination and alarm
Compatibilité	GST100A Series conventional CIEs as well as GST I-9319 Zone Monitor
Tension de réenclenchement	<1 VDC
Réinitialiser l'heure	<10 s
Niveaux d'alarme	2
Connectivité	Zone connection - 2-core (polarity sensitive), RI connection - 2-core (polarity sensitive)

Électrique	
Operating voltage	9.5 to 28 VDC (24 VDC typical)
Consommation de courant	<60 µA (Quiescent) ≤55 mA (Alarm)
Spécification du câble	>1.0 mm²
Nbre de fils conducteur	2
Bornes	4

Détection	
Principe de détection	Optical & Heat
Sensibilité	Programmable
Longueur de la zone	Panel dependent

Sortie	
Sortie d'alarme à distance	1

Caractéristiques physiques	
Dimensions physiques	54.5 mm (including base) x 100 mm Ø
Poids net	±110 g
Couleur	Blanc (RAL 9016)
Type de montage	Montage au plafond
Matériel (boîte)	ABS

Environnement	
Protégé contre le vandalisme	Non
Température de fonctionnement	-10 to +50°C
Humidité relative	0 to 95% noncondensing
Environnement	Intérieur
Indice de protection	IP2x

Régulateur	
Conformité	CE, WEEE
Certification	EN54-5, EN54-7
Voluntary marks	BOSEC
Normes	LPCB

Detection	
Heat Class	A2R
Activation temperature	62°C

Produits compatibles		
Catégorie	Référence	Description
Module de détection	NC-D-PT	
Module de détection	NC-DB-W	
Module de détection	NC-DB2R-W	
Module de détection	NC-DBD-W	
Module de détection	NC-DBR-W	Socle pour relais conventionnel (blanc)
Module de notification	PA25/3L	PA25 Series Remote Indicator

