

DP2061N

ARITECH - Détecteur optique adressable série 2000, double LED, sortie à distance

General

The DP2061N is a 2000 series protocol, addressable optical detector. It is equipped with a field-exchangeable optical block and is fully CPD certified. This optical detector combines a low profile design with dual alarm LEDs for 360° alarm visibility, and features a remote indicator output as standard.

User friendly

Every detector is equipped with an internal self-test feature. This test may be activated from the fire panel and allows the detector to perform a self-test for which the result is reported to the panel.

All detectors are individually identified by setting an address through 2 rotary switches. The address is straight numerical and does not require binary or hexadecimal conversions and therefore significantly reduces the risk of incorrect addressing.

Maintenance friendly

The DP2061N features a disposable optical chamber. This allows the detector to be easily serviced without the need for specialised equipment in the field and without operating through an exchange pool of any kind. A self-test feature as well as drift compensation and contamination warning is provided when used with compatible Aritech fire panels.

All 2000 series detectors are compatible with a standard base, which makes them easily interchangeable.

State of the art communication

An enhanced protocol ensures the overall integrity and error-free operation of the system, without compromising speed. The 2000 series protocol provides features such as CRC error checking and multiple bus cycle codes to enable advanced features of the panel to detector communication.

Extended applications

A comprehensive 2000 series range of detectors and accessories complement the DP2061N detector. Apart from a complete detector line as well as a full line of manual call points, accessories such as isolators, sounder circuit controllers, zone monitor units and a variety of I/O modules are also available.



Détails

- Optical smoke detector with configurable sensitivity levels
- Full diagnostic self testing
- Remote signaling capabilities
- Enhanced digital communication protocol
- Easy numeric addressing (1-128) for fast and fault free installation
- Field exchangeable optical chamber for easy on-site maintenance

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Spécifications techniques

Général

Indication d'état	Dual red alarm LED
Compatibilité	Aritech 2000 systems
Niveaux d'alarme	5
Connectivité	2000 Series detector bases
Méthode d'adressage	Rotary switch

Électrique

Type de bloc d'alimentation	Alimenté en boucle
Tension de fonctionnement	17 to 28 VDC
Consommation de courant	350 µA (quiescent at 24 VDC) 4 mA (alarm at 24 VDC)

Détection

Principe de détection	Optical light scatter
Contrôle	Alarm threshold, Contamination level
Sensibilité	Configurable
Zone de couverture	<80 m ²

Sortie

Quantité des sorties	1
Type de sortie et classe	Remote indicator
Programmable	No
Sortie d'alarme à distance	4 mA

Caractéristiques physiques

Dimensions physiques	100 x 50 mm (Ø x H)
Poids net	115 g
Couleur	Nuage blanc (RAL 9001)
Type de montage	Assemblage sur socle
Matériel (boîte)	Plastique

Environnement

Protégé contre le vandalisme	Non
Température de fonctionnement	-10 to +60°C
Température de stockage	-10 to +70°C
Température ambiante	+25°C
Humidité relative	10 to 95% noncondensing
Environnement	Intérieur
Indice de protection	IP43

Régulateur

Conformité	CE, REACH, RoHS 2, WEEE
Certification	CPR
Normes	EN54-7

Produits compatibles

Catégorie	Référence	Description
Module de détection	DB2002	Socle, 100 mm, 4 bornes, pour commande indicateur d'action
Module de détection	DB2002U	Socle, 150 mm, 4 bornes, pour commande indicateur d'action.
Module de détection	DB2004	Série 2000, base profonde, 4 bornes avec mise à la terre - 100 mm
Module de détection	DB2016	ARITECH - Socle isolateur - Série 2000
Module de détection	DP2CAP-ICT	(10 PACK) 2000/700 SERIES INSECT PROTECTION CAP
Module de notification	AI672	Indicateur d'action lumineux.
Module de notification	AI673	Indicateur d'action lumineux et sonore.
Module de notification	DB2368IAS-W	2000 Series sounder base with isolator (white)