

# DP2061T

**Anal. Multi-criter. Meld. Opt/therm. met remote uitgang, EN54, excl mont.voet**

## General

---

The DP2061T multi-sensor combines the smoke sensitivity of an optical smoke detector with the enhancement of heat sensing. Being able to operate in 5 dynamically changeable modes that are fully controlled and programmable from the fire alarm panel, the DP2061T can operate as an optical smoke detector enhanced by heat detection (with two different smoke sensitivities), as a dual smoke and A2R heat detector – each sensor operating independently, as an optical detector only (EN54-7 certified), or as a A2R heat detector only.

## Multimode operation

---

The five modes may be controlled by day/night mode operation for each sensor. The detector may, for example, operate as a heat detector during the day in an occupied building, and at high sensitivity of smoke with heat at night when the building is not occupied. Each sensor may be controlled independently.

## A full range

---

The DP2061T multi-sensor is part of the 2000 series family. This series includes optical smoke and heat detectors, IO units, a full line of manual call points, standard and isolator bases.

## Maintenance friendly

---

The DP2061T multi-sensor has all the maintenance features of the 2000 series detectors. It features the field replaceable optical block, allowing the cleaning of the optical chamber on site without the need for recalibration. A self-test feature as well as drift compensation and contamination warning is provided when used with compatible Aritech fire panels.

## 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.



## Details

---

- Optical enhanced by heat, smoke detector
- Full diagnostic self testing
- Five independently controlled modes of operation: • Multisensor with 2 selectable smoke sensitivities • Dual sensor (independent optical and A2R heat) • Optical sensor only (EN54-7 approved) • Heat sensor only (A2R - 60°C with rate-of-rise)
- Enhanced digital communication protocol
- Remote signaling capabilities
- Easy numeric addressing (1-128) for fast and fault free installation
- Field exchangeable optical chamber for easy on-site maintenance

# DP2061T

Anal. Multi-criter. Meld. Opt/therm. met remote uitgang, EN54, excl mont.voet

## Technische specificaties

### Algemeen

Status indicatie	Dual red alarm LED
Compatibiliteit	Aritech 2000 series systems
Alarmniveaus	5
Aansluiting	2000 Series detector bases
Adresseringsmethode	Rotary switch

### Elektrisch

Type voeding	Lus aangedreven
Bedrijfsspanning	17 to 28 VDC
Stroomverbruik	350 $\mu$ A (quiescent at 24 VDC) 4 mA (alarm at 24 VDC)

### Detectie

Detectie principe	Optical light scatter and/or heat
Bewaking	Alarm threshold, Contamination level
Gevoeligheid	Configurable
Dekkingsgebied	<80 m <sup>2</sup>
Snelheid van stijging	Class A2 compliant

### Uitgang

Uitgangshoeveelheid	1
Type uitgang en classificatie	Remote indicator
Programmeerbaar	No
Alarmuitgang op afstand	4 mA

### Fysiek

Fysieke afmetingen	100 x 50 mm ( $\varnothing$ x H)
Netto gewicht	115 g
Kleur	Cloud white (RAL 9001)
Type montage	Montage op basis
Materiaal (behuizing)	Plastic

### Omgeving

Vandalbestendig	Nee
Bedrijfstemperatuur	-10 to +60°C
Opslagtemperatuur	-10 to +70°C
Toepassings temperatuur (typisch)	+25°C
Relatieve vochtigheid	10 to 95% noncondensing
Omgeving	Binnen
IP-classificatie	IP23

### Regelgeving

Conformiteit	CE, REACH, RoHS 2, WEEE
Certificering	CPR
Standaarden	EN54-7

### Compatibele producten

Categorie	Referentie	Beschrijving
Detectieapparaat	DB2002	Montagevoet, 10 cm diameter, voor 2000 serie met 4 aansluitklemmen.
Detectieapparaat	DB2002U	
Detectieapparaat	DB2004	Extra diepe montagevoet voor 2000 serie rookmelders
Detectieapparaat	DB2016	Montagevoet, 10 cm diam., voor 2000 serie, ingeb. insulator, 4 aansluitkl
Detectieapparaat	DP2CAP-ICT	
Meldingsapparaat	AI672	Nevenindicator uitgevoerd met 2 grote leds, 6-28VDC, 4 mA nominaal
Meldingsapparaat	AI673	Nevenindicator voorzien van akoestische signalering middels bleeper, 2 leds
Meldingsapparaat	DB2368IAS-W	Montagevoet, 10 cm diam., met ingebouwde isolator en slow whoop - Wit



Als een bedrijf van innovatie behoudt Carrier Fire & Security zich het recht voor productspecificaties zonder kennisgeving te wijzigen. Ga voor de nieuwste productspecificaties online naar [nl.firesecurityproducts.com](http://nl.firesecurityproducts.com) of neem contact op met uw verkoopvertegenwoordiger.

Last updated on 25 September 2024 - 11:48