DB2002U

ARITECH 2000 Series wide point detector base

General

The 2000 Series addressable diagnostic detectors provide extended features allowing for both ease of installation and maintenance. In addition, a comprehensive offering of I/O modules together with a full line of manual call points and bases are available.

Features you can use

When fitted with an exclusive 7-segment display, the detectors provide comprehensive on the spot information in addition to standard alarm signalling. Information such as device fault, pre-alarm, maintenance alarm, and test modes are provided. The detector can also display its address and real time analogue value on request.

All detectors are individually addressed by means of 2 rotary switches. The address is straight numerical and does not require binary or hex conversions, significantly reducing the risk of incorrect addressing.

Photoelectric detectors are equipped with a disposable optical chamber, allowing them to be serviced in the field. All detectors are compatible with a standard base, which makes them easily interchangeable.

Panel/device communication

This is provided through the powerful digital protocol, featuring multiple bus cycle codes and CRC error checking to ensure the correct analogue values are transported to the panel. The protocol ensures overall integrity and error free operation of the system.

Bases

In addition to the standard bases, the DB2016 isolator base is also available. A yellow LED on the DB2016 indicates a short circuit condition. The detector in the base will still receive power in the event of a single short circuit.

All bases are equipped with a moulded locking mechanism to prevent unauthorised removal of the detector head. To lock a detector in the base, simply remove a tab before inserting it into the base.

Details

- Suitable for 2000 series sensors
- Wide 15cm base diameter - UL specifications
- 4 terminals for loop and remote indicator output

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Technical specifications

General

Compatibility	Aritech 2000 series point detectors
Connectivity	2-wire loop, earth & remote indicator

Electrical

No. of cable cores	2
Terminals	5

Physical

Physical dimensions	150 x 9 mm (Ø x H)
Colour	Cloud white (RAL 9001)
Mounting type	Ceiling mount
Cable entries	1
Material (body)	Plastic

Environmental

Vandal proof	No
Operating temperature	−10 to +50ºC
Storage temperature	−10 to +70ºC
Relative humidity	10 to 95% noncondensing
Environment	Indoor

Regulatory

Compliancy	CE, REACH, RoHS 2, WEEE

Compatible products

Category	Reference	Description
Detection device	DP2061N	2000 Series Addressable Optical Detector, Dual LED, Remote Output
Detection device	DP2061T	2000 Series Addressable Multisensor Optical/Heat
Detection device	DT2063N	2000 Series Addressable Heat Detector w/ Dual LEDs and Remote Output
Notification device	AS2368CAP-W	

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