



GE Interlogix

FIRE PRODUCTS

ARITECH

2000 Series Analogue Addressable Diagnostic Sensors



- 7-segment display
- Remote test capabilities
- Remote signalling capabilities
- Optical sensor with field exchangeable optical chamber
- Easy numeric addressing (1-128)
- Enhanced communication protocol
- Full diagnostic self testing
- Polarity insensitive
- Full range : optical and heat
- Full range of I/O units and accessories
- Isolator base
- EN 54 Approved
- VDS approved

User friendly

Fitted with an exclusive 7-segment display, the detectors provide comprehensive, on the spot information. In addition to alarm signalling. Information such as Fault, Pre-alarm, Maintenance Alarm (Clean me), Disabled Sensor, Sensor in Test, Error (double address, wrong sensor type) and Sensor Polled is provided.

Each detector is equipped with an internal reedswitch. If the reedswitch is tripped at any time with an external magnet, the detector displays its address and Real Time Analogue Value.

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

Maintenance friendly

Photo-electric sensors are equipped with the disposable optical chamber. This allows sensors to be serviced in the field without operating through a exchange pool. All sensors are compatible with a standard base, which makes them easily interchangeable.

State of the art communication

Panel to sensor communication is provided through the powerful industry standard SIA protocol. Such a protocol features multiple buscycle codes and CRC error checking. This enhanced protocol ensures the overall integrity and error free operation of the full system, without compromising speed.

Extended applications

A comprehensive range of accessories complements this range. The following accessories exist : isolator, sounder circuit controller, zone monitor unit and a variety of I/O modules. Also a full line of manual call points are available.

Isolator base

The DB2016 isolator base senses and isolates short circuit faults. A yellow LED indicates a short circuit condition. The detector in the base will still receive power in the event of a single short circuit. If every detector is fitted with an isolator base then no device will be lost in the event of a single short circuit.

Aesthetically pleasing, the 2000 Series diagnostic sensors provide maintenance features for ease of installation and cleaning.



2000 Series



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→ Technical data

| | DP 2000 | DT 2000 |
|----------------------|-------------------------------|----------|
| Operating voltage | 17 - 28 Vdc | |
| Current consumption | | |
| Quiescent at 24 V DC | < 150 µA | < 150 µA |
| In alarm at 24 V DC | LED : 2 mA - 7-segment : 2 mA | |
| Alarm indication | White LED (red alarm) | Red LED |
| Remote Alarm output | 4 mA | |
| Humidity | 0-95%, non condensing | |
| IP rating | IP 43 | |
| Dimensions | 10 cm Ø; H = 5 cm | |

→ How to order

| | |
|----------|---|
| DP 2051 | Optical sensor |
| DP 2061 | Optical sensor with remote LED output |
| DP 2071 | Optical sensor with 7-segment display and remote LED output |
| DT 2053 | Heat sensor |
| DT 2063 | Heat sensor with remote LED output |
| DT 2073 | Heat sensor with 7- segment display and remote LED output |
| IU 2016 | Isolator |
| DB 2001 | Standard base 10 cm - 2 terminals |
| DB 2002 | Standard base 10 cm - 4 terminals |
| DB 2002U | Standard base 15 cm - 4 terminals |
| DB 2003 | Base for isolator IU2016 |
| DB 2016 | Isolating base |
| AI 672 | Low current alarm indicator |
| AI 673 | Low current alarm indicator, optical, acoustical |

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Sales Offices : Austria, Baltic States, Belgium, Czech Republic, Denmark, Eastern Europe, France, Germany, Greece, Hungary, Ireland, Italy, Netherlands, Norway, Poland, Portugal, Slovak Republic, South Africa, Spain, Sweden, U.K.

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