

Addressable Modules

M501M and M503ME Input Modules

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M501M Mini Monitor Module

The M501M Mini-Module is designed to fit inside many devices or inside junction boxes behind devices. It is designed to interface to contact devices, such as security contacts, water flow switches, manual call points etc. It cannot be used to supply power to any device, such as conventional detectors

Conventional four wire smoke detectors can be monitored through their alarm contacts, wired across the initiating circuit of the module, but they would still require a separate power source.







In addition to transmitting the supervised state of the monitored device (normal, short/alarm or open) the full analogue measurement of the supervised circuit is sent back to the panel. The advantage of this added feature is that impedance changes in the supervised loop to the monitored device can be detected.

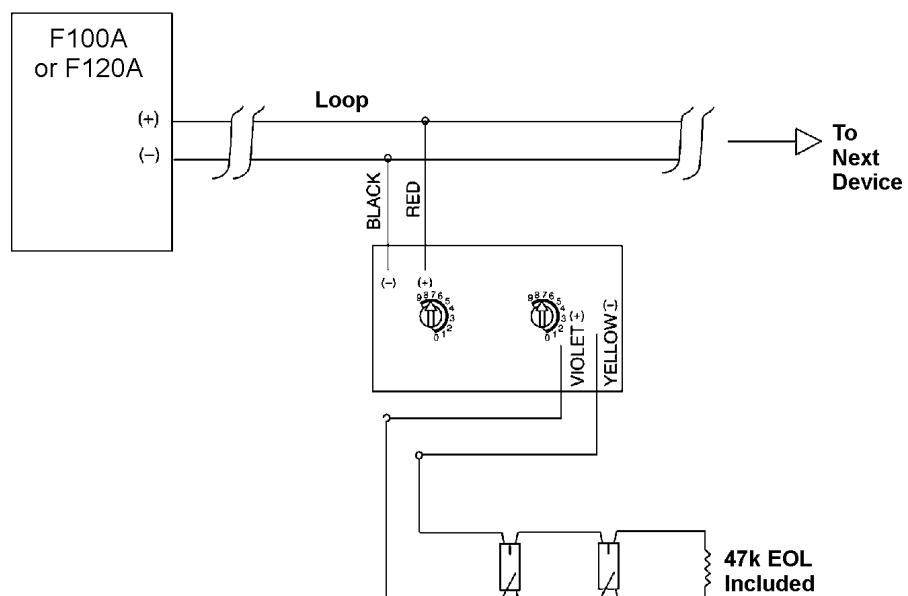
M503ME Micro Monitor Module

The M503ME Micro-Module provides the same functionality as the M501M above, with the advantage of a more compact package, and a LED indicator output drive, provided to allow visual monitoring of the module's operating condition, controlled by the panel.

The M503ME is small enough to fit inside a single gang junction box behind the device being monitored. Its size and light weight allow it to be installed without the need to be rigidly mounted. However, it is recommended that the screw fixing positions be used if possible, particularly in larger enclosures or where the installation is expected to be subject to vibration or movement.

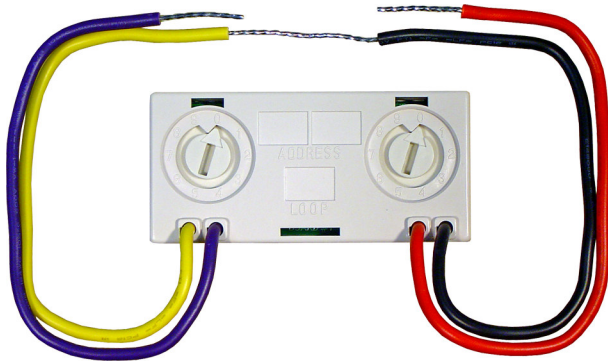
Features:

-  Analogue addressable communications
-  Interface with sprinkler switches, manual callpoints, 4 wire conventional detectors etc.
-  Direct dial decade address entry
-  Low standby current
-  Flexible mounting options
-  LED indicator output (M503ME only)

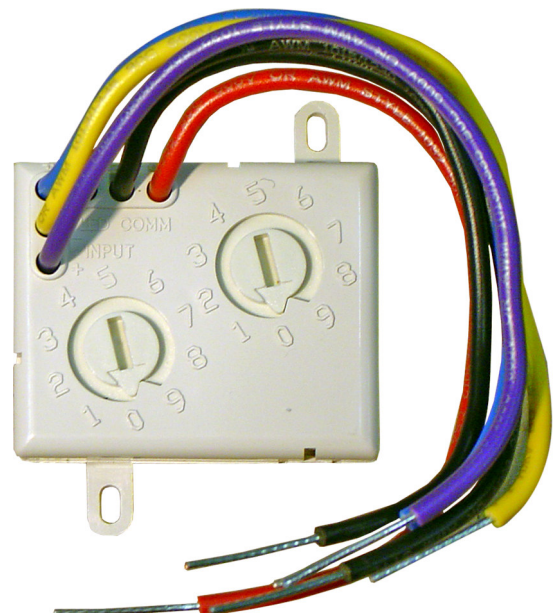


Specifications:

| | | |
|---|---------------------------------|--|
| 🔌 | Nominal Operating Voltage: | 15 - 32 VDC |
| 🔌 | EOL resistance: | 47K Ohms |
| 🔌 | Maximum circuit resistance: | 20 Ohms (supervised circuit) |
| 🔌 | Installation Temperature Range: | 0° to 50 °C |
| 🔌 | Humidity: | 10 to 93% relative humidity, non-condensing |
| 🔌 | Dimensions: | 72 x 35 x 13 (mm) excluding cables (M501M) 48 x 40 x 13(mm) excluding fixings and cables (M503ME) |
| 🔌 | Max Standby Current: | 400µA with 47k EOL fitted (M501M) 550µA with 47k EOL and LED fitted (M503ME) |
| 🔌 | Max Alarm Current: | 550µA (M501M) 5.1mA (M503ME with LED on) |
| 🔌 | Wire length supplied: | 150mm minimum |
| 🔌 | Weight: | 37g (M501M) 33g (M503ME) |



M501M Mini-Module



M503ME Micro-Module

Ordering Information:

Description

Module – Mini AA – Input

Module – Micro with LED - Input

Part Number

M501M

M503ME

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