

## ANALOGUE - Input and Output Modules Models M501MEA

### Overview

#### Features

- Compact size
- Uses Advanced protocol (up to 159 addresses)
- Rotary address switches
- Low standby current
- Complies with EN54-18



0359-CPD-0176  
0359-CPD-0219  
0359-CPD-0220  
0359-CPD-0221

### Description

The M501MEA is an addressable input module. It will interface with contact devices such as security contacts, waterflow switches and call points.

It is capable of being connected in Class B wiring configurations.

It provides a two-wire initiating circuit for normally open contact fire alarm and security devices.

In addition to transmitting the supervised state of the monitored device (normal, open, or short), the full analog supervision measurement is sent back to the panel.

The compact size allows it to fit inside devices or junction boxes behind devices.

Its size and light weight allows it to be installed without the need to be rigidly mounted.

When the proprietary Series 200 Advanced Protocol is enabled, a number of features become available; namely the advanced feature to determine alarms or troubles in a reduced time.

All System Sensor products are covered by our extended 3 year warranty.

## Architect/Engineer Specifications

### Electrical Specifications

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Operating Voltage Range	15-32 V
Supervisory Loop Current (normal)	87-114 $\mu$ A
Standby Current for comm line	7 V
Nominal Standby Current	110 $\mu$ A
End-of-Line Resistance	47 kohm

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### Environmental Specifications

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Operating Temperature Range	0-49°C
Operating Humidity Range	10-93% RH

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### Physical Specifications

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Height	33 mm
Length	71 mm
Width	15 mm
Weight	57 g
Maximum Wire Gauge for Terminals	N/A

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Installation information: in order to ensure full functionality, refer to the installation instructions as supplied.