

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



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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

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

Environmental Specifications

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

Physical Specifications

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

System Sensor (Technical Services)

System Sensor Europe
Unit C2
Foundry Lane, Horsham, West Sussex
RH13 5YZ, UK
Tel: +44 (0)1403 330240
Fax: +44 (0)1403 330695
Email: systemsensoreurope.com
www.systemsensoreurope.com

System Sensor Europe (Customer Services)

Life Safety Distribution GmbH
Javastrasse 2, 8604 Hegnau
Switzerland
Tel: 0041 44 943 4400
Email: orders@systemsensor.com
www.systemsensoreurope.com

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

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