



## Addressable Input Module with Built-in Isolator M1-AIM-300

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Addressable input modules with loop-powered technology are installed in a loop along with other connected components to the control center, such as detectors, push buttons, sounders, etc., without the need for an external power supply. These modules are responsible for receiving commands from a non-addressable device and transmitting them to the addressable control center.



### Features

Designed according to EN 54-18,54-17 standard.

Equipped with an internal isolator with the possibility to wire with or without isolators.

Easy address programming with the handheld programmer  
Compatible with the WISE addressable panel and other SENS addressable panels

Powered by the control center loop.

SMD technology

Low power consumption

Equipped with a red LED indicator for operation status (blinking: normal state, steady: fire, fault, and activation of the isolator)

Ability to monitor the input module.



## Technical Specifications

|                       |                            |
|-----------------------|----------------------------|
| Power Supply Voltage  | 27V                        |
| Stand by consumption  | 1mA @ 27V                  |
| Alarm state current   | 1.6mA @ 27V                |
| Operating Temperature | -10 to 70 °C               |
| Humidity              | 95% (without condensation) |
| Dimensions            | 20×55×90 mm                |
| Weight                | 60gr                       |

## Application

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It is suitable for a wide range of applications, including receiving information from conventional sensors, carbon monoxide detectors, height, and liquid volume sensors, etc., or any other peripheral device.

## Construction

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The module frame has a sleek and functional design that allows for easy disassembly and assembly of its components. This is achieved using the thorns embedded in the frame.



## Isolator Specifications

|   |              |
|---|--------------|
| Maximum line voltage  | 28V          |
| Minimum line voltage  | 15V          |
| The maximum voltage at which the device isolates ( $V_{SO\max}$ )       | 6V           |
| The Minimum voltage at which the device isolates ( $V_{SO\min}$ )       | 2V           |
| The maximum voltage at which the device reconnects ( $V_{Sc\max}$ )     | 6V           |
| The Minimum voltage at which the device reconnects ( $V_{Sc\min}$ )     | 2V           |
| Maximum rated continuous current with the switch closed ( $I_{c\max}$ ) | 400mA        |
| Maximum rated switching current ( $I_{s\max}$ )                         | 600mA        |
| Maximum leakage current ( $I_{L\max}$ )                                 | 8mA          |
| maximum series impedance with the switch closed ( $Z_{c\max}$ )         | 0.5 $\Omega$ |