

FG901MMI_AP / FG901MMO_AP / FG901MMIOS_AP ADDRESSABLE MODULE WITH INTEGRATED ISOLATOR IN MICRO FORMAT



PRODUCT OVERVIEW

Using the **FG901MM** range devices it is possible to interface various types of devices to the LOOP or to activate any type of output such as sirens, entrance panels, electromagnets, etc.

FG901MM range is used in combination with the control units equipped with protocol to monitor and control many devices.

Each **FG901MM** can be addressed manually, by programmer or by fire detection control unit with protocol or with auto addressing by fire detection control unit with protocol.

The input channels monitor the rest, alarm and fault condition through the balancing resistors provided.

GUARANTEED COMMUNICATION

The **FG901MM** series modules are equipped with an integrated short-circuit isolator.

This means that in the event of a failure on a loop or on a single device, communication with the devices themselves is not interrupted.

Thus greater system reliability is guaranteed.



Features

- Applus approved in compliance with EN54-17 EN54-18 standards
- Communication protocol
- Isolator integrated in each device
- Manual addressing via the programmer
- Auto addressing for devices on loops even with "T" connections
- Auto mapping function
- Reading of the voltage value at the terminals of the addressed devices
- 240 addresses available per loop (remember that **FG901MMIOS_AP** occupies 2 addresses)
- Three-colour LED (red / green / yellow) controlled by the control unit
- **FG901MMI_AP** Certificate n°1922 - CPR - 1116
- **FG901MMO_AP** Certificate n°1922 - CPR - 1116
- **FG901MMIOS_AP** Certificate n°1922 - CPR - 1116



MODEL	DESCRIPTION
FG901MMI_AP	addressed input micro-module
FG901MMO_AP	addressed output micro-module
FG901MMIOS_AP	addressed input and output micro-module



Technical Specification

Device	FG901MMI_AP	FG901MMO_AP	FG901MMIOS_AP
Type:	1 supervised input	1 output	1 input 1 output
Certification body :	Applus	Applus	Applus
Certification :	EN54-17,EN54-18	EN54-17,EN54-18	EN54-17,EN54-18
Addresses on loops :	1	1	2
Loop :	Up to 240 addresses available along 2Km cable *	Up to 240 addresses available along 2Km cable *	Up to 240 addresses available along 2Km cable *
Supply voltage :	27V	27V	27V
Stand by consumption :	130uA@27V	130uA@27V	130uA@27V
LED current consumption :	6ma@27V	6ma@27V	6ma@27V
Operation temperature :	-5°C/+40°C	-5°C/+40°C	-5°C/+40°C
Humidity :	95% RH (without condensation)	95% RH (without condensation)	95% RH (without condensation)
Dimensions :	42x27x15mm	42x27x15mm	42x27x15mm
Weight :	30g	30g	30g

* Note: subject to load calculations and use of appropriate cables

SIMPLIFIED INSTALLATION

The installation of **FG901MM** range is very simple, the programming of the addresses takes place via the programmer or through auto addressing, no DIP switches or rotary switches are used.

Auto addressing for devices on loops also operates with "T" connections.

CONSTRUCTION

FG901MM range is made of matt white ABS. It is possible to use cables with a maximum section of 2.5mm.

APPROVALS AND COMPLIANCE

The entire ONEMICROM sensors range is Applus certified according to the EN54 standard parts 17 and 18.



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