Features

- APPLUS approved in compliance with EN54-17 EN54-18 standards
- ONEPROTOCOLL communication protocol
- Isolator integrated in each device
- Manual addressing via the ONEPROGRAMMER 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 ONEMICROM11 occupies 2 addresses)
- Three-colour LED (red / green / yellow) controlled by the control unit
- ONEMICROM10   Certificate n°0370-CPR-3641
- ONEMICROM01   Certificate n°0370-CPR-3641
- ONEMICROM11   Certificate n°0370-CPR-3641

Description

Using the **ONEMICROM** series 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.

ONEMICROM are used in combination with the control units equipped with ONEPROTOCOLL protocol to monitor and control many devices.

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

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

Guaranteed communication

The **ONEMICROM** 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.

Simplified installation

The installation of **ONEMICROM** is very simple, the programming of the addresses takes place via the ONEPROGRAMMER 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

The **ONEMICROM** 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.

Codes

CODE	DESCRIPTION
ONEMICROM10	addressed input micro-module
ONEMICROM01	addressed output micro-module
ONEMICROM11	addressed input and output micro-module

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Technical specifications

Device	ONEMICROM10	ONEMICROM01	ONEMICROM11
Type	1 supervised input	1 output	1 input 1 output
Compliance	EN54-17,EN54-18	EN54-17,EN54-18	EN54-17,EN54-18
Addresses on loops	1	1	2
Certification body	APPLUS		
Protocol	ONEPROTOCOLL		
Loop	Up to 240 addresses available along 2Km cable *		
Supply Voltage	27V		
Stand by consumption	130uA@27V		
LED current consumption	6ma@27V		
Operation temperature	-5°C/+40°C		
Humidity	95% RH (without condensation)		
Size	42x27x15mm		
Weight	30g		

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