

G000267

I/O M 70 H

Part no 5100075-01A

General Description

I/O M 70 provides eight programmable I/O 70 channels, each individual channel can be configured as either:

- Programmable Inputs
- Programmable Outputs max 70mA for buzzers, relays etc
- Conventional detector zones

This module monitors conventional detectors, digital inputs, two-wired inductive sensors and controls low-power units, such as buzzers and relays.

For details on assembling a system and definitions of common system terms, refer to the Installation Manual.

Data

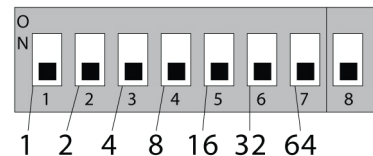
Operating voltage range	19-30 VDC
Current consumption (at 24 V)	12 mA
Current consumption (at 8 EIR 10 kΩ)	32 mA
Max. current per channel	70 mA
Max. total current	0.6 A
ELR fire zones	10 kΩ
ELR input	30 kΩ (adjustable)
Cable terminals	2.5 mm ²
Operating temperature range	-5°C to +55°C
Weight (with housing)	130g
Spare part no. (without housing)	5100074-01A
Certified according to	0845/10



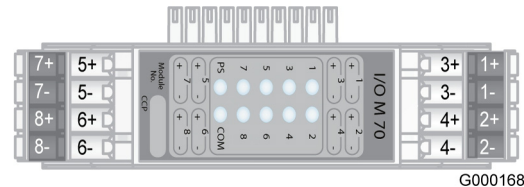
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Address switch

The DIP switch value follows the binary system. The address no. can be set from 1 to 126 using DIP-switch poles 1 to 7.



Connections



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I/O M 70 ADDRESS:							
1	2	3	4	5	6	7	8
I/O 70 PROGRAMMABLE OUTPUT	I/O 70 PROGRAMMABLE OUTPUT	I/O 70 PROGRAMMABLE OUTPUT	I/O 70 PROGRAMMABLE OUTPUT	I/O 70 PROGRAMMABLE OUTPUT	I/O 70 PROGRAMMABLE OUTPUT	I/O 70 PROGRAMMABLE OUTPUT	I/O 70 PROGRAMMABLE OUTPUT
24V 70mA	24V 70mA	24V 70mA	24V 70mA	24V 70mA	24V 70mA	24V 70mA	24V 70mA
1+	1-	2+	2-	3+	3-	4+	4-

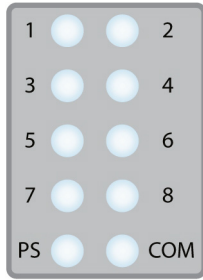
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Settings

The module is identified by a physical address on the Backbone Bus. The address is set with an 8-pole DIP switch.

Indicators

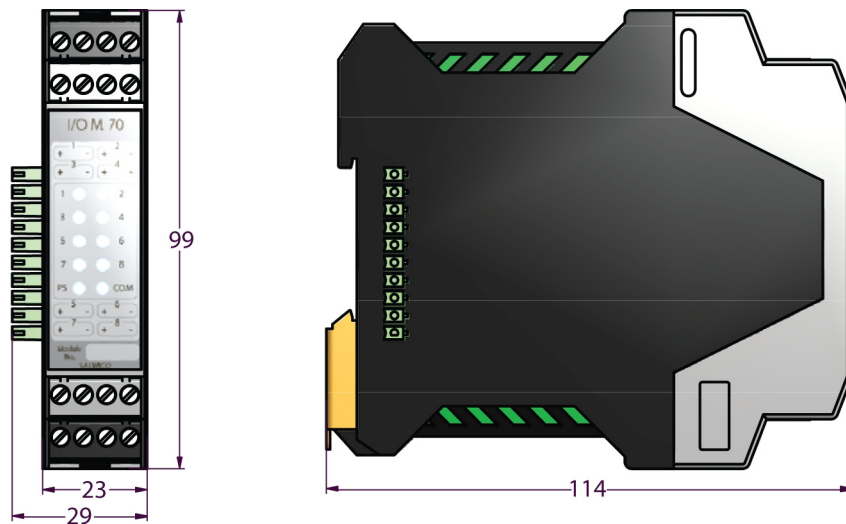
I/O M 70 indicators display input and output status.



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Indicator	Indicator Colour	Status when used as an input	Status when used as an output
Channels 1 – 8	Red	The input is activated	The output is ON
	Yellow	Input fault	Output fault
	None	The input is not activated	The output is OFF
Indicator	Indicator Colour	Status	
PS (Power Supply)	Green	OK	
	Yellow, steady	Power Fault	
	Yellow, flashing	Boot loader mode	
COM (Communication)	Green, steady	OK	
	Green, flashing	Unconfigured	
	Yellow, steady	Faulty communication	
	Yellow, flashing	Major fault	
	None	No communication	
PS + COM (both flashing)	PS	Transferring software	
	Yellow, flashing		
	COM		
	Green, flashing		

Module Dimensions (mm)



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Mounting

Mount the module horizontally on a 35 mm DIN rail.