

## MA5I68 I/O EXTENSION MODULE

4 analog Inputs U/I configurable

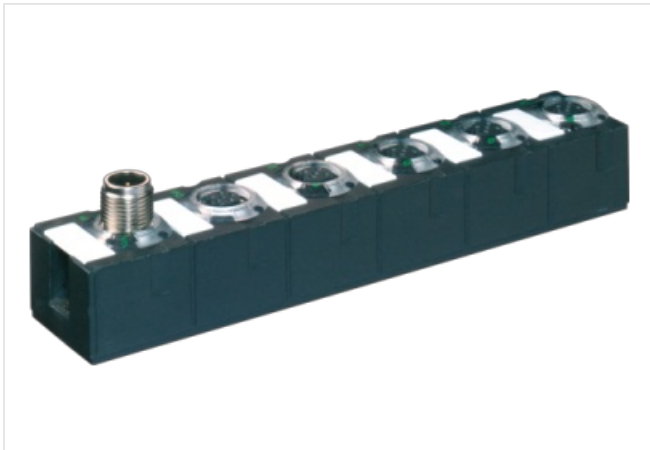
AI4 - (E) 4× M12 (UI)

Connection cables are in the online shop under "Connection Technology".

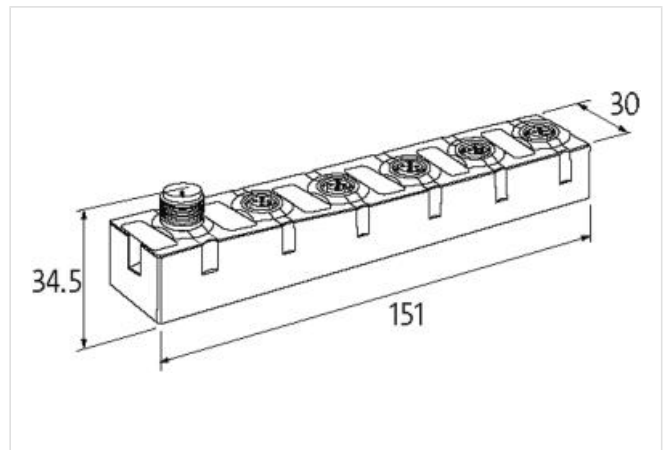
Housing fully potted.

### [Link to Product](#)

#### Illustration



Product may differ from Image



#### Commercial data

|                       |               |
|-----------------------|---------------|
| ECLASS-6.0            | 27242601      |
| ECLASS-6.1            | 27242601      |
| ECLASS-7.0            | 27242601      |
| ECLASS-8.0            | 27242601      |
| ECLASS-9.0            | 27242601      |
| ECLASS-10.1           | 27242601      |
| ECLASS-11.1           | 27242601      |
| ECLASS-12.0           | 27242601      |
| ETIM-5.0              | EC001596      |
| customs tariff number | 85176200      |
| GTIN                  | 4048879496681 |
| Packaging unit        | 1             |

#### Electrical data | Supply

|                                    |            |
|------------------------------------|------------|
| Norm operating voltage             | EN 61131-2 |
| Operating voltage US DC            | 24 V       |
| Bus voltage AS-Interface DC min.   | 26,5 V     |
| Bus voltage AS-Interface DC max.   | 31,6 V     |
| Current consumption AS-i port max. | 100 mA     |

#### Electrical data | Input

|                         |     |
|-------------------------|-----|
| Overload resistant      | yes |
| Short-circuit protected | yes |

Sensor current US per input max. 0,1 A

#### Industrial communication | Bus data

Address setting type M12 connection and programming device, Master  
 Slave address range 1 ... 31

#### Industrial communication | AS-Interface

Profile (IO.ID.ID2) S-7.3.E

#### Diagnostics

Diagnostic No voltage  
 Diagnostic via LED per module  
 LED display Ethernet connection/data traffic

#### Device protection | Electrical

Degree of protection (EN IEC 60529) IP68

#### Mechanical data | Mounting data

Mounting method screwed  
 Height 151 mm  
 Width 30 mm  
 Depth 34,5 mm

#### Environmental characteristics | Climatic

Operating temperature min. -20 °C  
 Operating temperature max. 70 °C  
 Storage temperature min. -40 °C  
 Storage temperature max. 85 °C

#### Connection type 3

Connection type 1 0-3  
 Connection type 2 Bus In  
 Connection type 3 Bus Out  
 Family construction form M12  
 Gender female  
 Color contact carrier black  
 Coding A  
 No. of poles 5  
 PIN 1 24 V DC  
 PIN 2 In +  
 PIN 3 0 V  
 PIN 4 In -  
 PIN 5 n.c.  
 Family construction form M12  
 Gender male  
 Color contact carrier black  
 Coding A  
 No. of poles 4  
 PIN 1 AS-i +  
 PIN 2 0 V  
 PIN 3 AS-i -  
 PIN 4 24 V DC  
 Family construction form M12  
 Gender female  
 Color contact carrier black  
 Coding A  
 No. of poles 5  
 PIN 1 AS-i +

|       |         |
|-------|---------|
| PIN 2 | 0 V     |
| PIN 3 | AS-i -  |
| PIN 4 | 24 V DC |
| PIN 5 | n.c.    |