

CUBE67 I/O COMPACT MODULE

4 analog inputs (I)

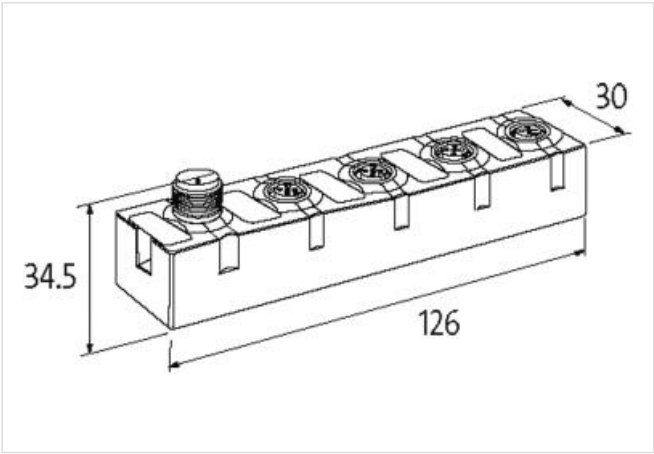
Compact module  
AI4 - (C) 4× M12 (I)  
Current  
Connection cables are in the online shop under "Connection Technology".  
Housing fully potted.

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 | 85389099      |
| GTIN                  | 4048879048224 |
| Packaging unit        | 1             |

Electrical data | Supply

|                          |            |
|--------------------------|------------|
| Norm operating voltage   | EN 61131-2 |
| Operating voltage US DC  | 24 V       |
| Current consumption max. | 50 mA      |
| Total current UA max.    | 4 A        |
| Total current US max.    | 4 A        |

Electrical data | Input

|                                          |       |
|------------------------------------------|-------|
| Working resistance max.                  | 300 Ω |
| Overload resistant                       | yes   |
| Short-circuit protected                  | yes   |
| Differential input                       | yes   |
| Current input mode 2 min.                | 4 mA  |
| Current input mode 2 max.                | 20 mA |
| Input current min.                       | 0 mA  |
| Input current max.                       | 20 mA |
| Sensor current US per input max.         | 0,2 A |
| Conversion time analog input per channel | 2 ms  |

#### Diagnostics

|                         |                                  |
|-------------------------|----------------------------------|
| Actuator warning        | per channel via LED and BUS      |
| Diagnostic              | No voltage, Under voltage        |
| Diagnostic via BUS      | per module and channel           |
| Diagnostic via LED      | per module and channel           |
| Short circuit diagnosis | yes                              |
| LED display             | Ethernet connection/data traffic |
| Overload diagnosis      | yes                              |

#### Device protection | Electrical

|                                     |      |
|-------------------------------------|------|
| Degree of protection (EN IEC 60529) | IP67 |
|-------------------------------------|------|

#### Mechanical data | Mounting data

|                            |                       |
|----------------------------|-----------------------|
| Suitable for mounting type | 2-hole screw mounting |
| Height                     | 126 mm                |
| Width                      | 30 mm                 |
| Depth                      | 34,5 mm               |

#### Environmental characteristics | Climatic

|                            |        |
|----------------------------|--------|
| Operating temperature min. | 0 °C   |
| Operating temperature max. | 55 °C  |
| Storage temperature min.   | -20 °C |
| Storage temperature max.   | 75 °C  |

#### Connection type 2

|                          |              |
|--------------------------|--------------|
| Connection type 1        | 0-3          |
| Connection type 2        | Bus In       |
| Family construction form | M12          |
| Gender                   | female       |
| Color contact carrier    | black        |
| Coding                   | A            |
| No. of poles             | 5            |
| PIN 1                    | 24 V DC (US) |
| PIN 2                    | AI +         |
| PIN 3                    | 0 V          |
| PIN 4                    | AI -         |
| PIN 5                    | n.c.         |
| Family construction form | M12          |
| Gender                   | male         |
| Color contact carrier    | black        |
| Coding                   | A            |
| No. of poles             | 6            |
| PIN 1                    | 24 V DC (UA) |
| PIN 2                    | 24 V DC (US) |
| PIN 3                    | 0 V          |
| PIN 4                    | Bus internal |

|       |              |
|-------|--------------|
| PIN 5 | Bus internal |
| PIN 6 | 0 V          |