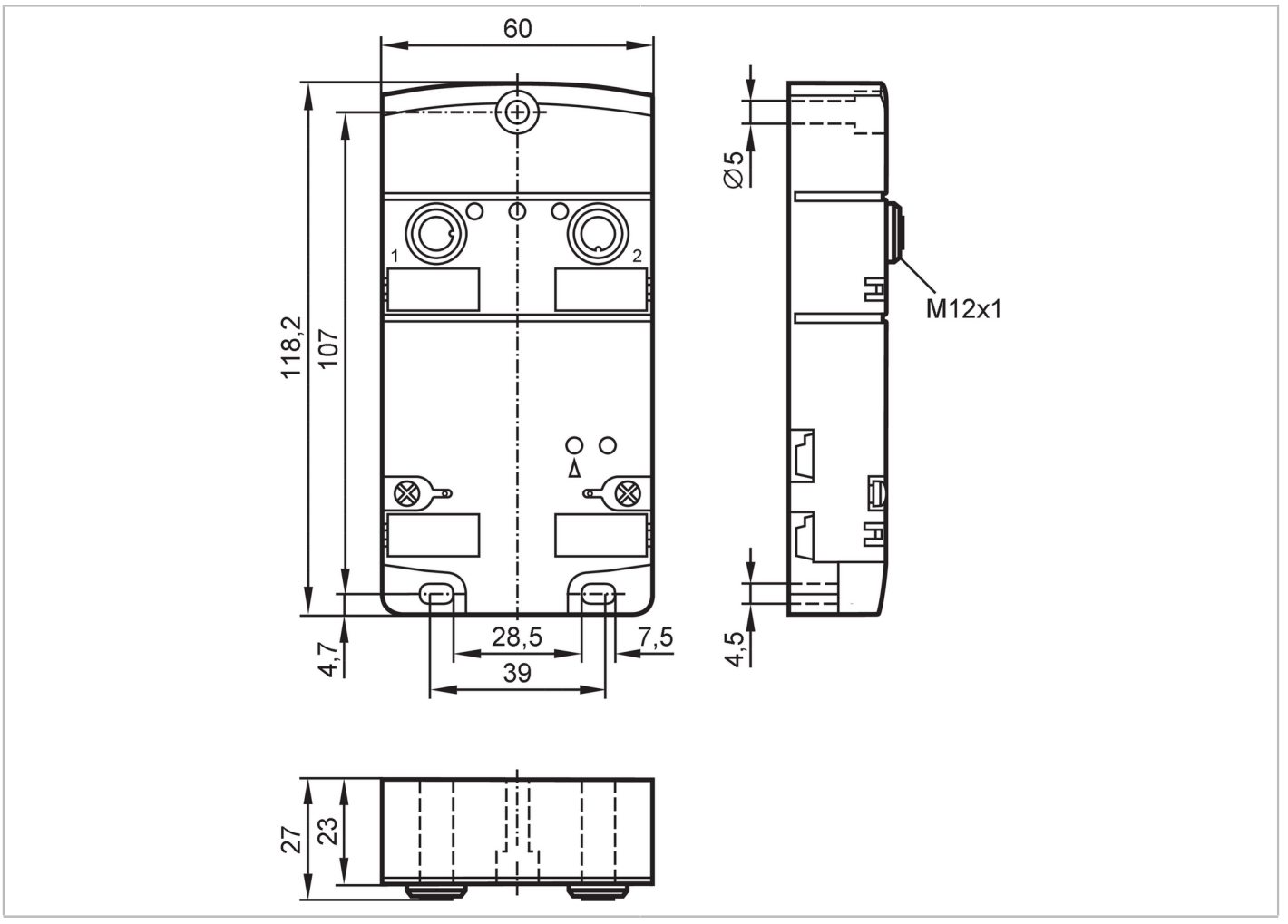
# AC2402

## AS-Interface CompactLine module

**CompactM12 2 AI C V4A**




| | | |
|---|---|---|
| **Application** | | |
| Application | | field installation |
| **Electrical data** | | |
| Operating voltage | [V] | 26.5...31.6 DC |
| Max. current consumption from AS-i | [mA] | 250 |
| Reverse polarity protection | | yes |
| **Inputs / outputs** | | |
| Number of inputs and outputs | | Number of analogue inputs: 2 |
| **Inputs** | | |
| Max. total current rating of inputs | [mA] | 200 |
| Number of analogue inputs | | 2;  (Anschluss von 2- und 3-Draht-Sensoren) |
| Analogue input (current) | [mA] | 4...20 |
| **Operating conditions** | | |
| Ambient temperature | [°C] | -25...80 |
| Storage temperature | [°C] | -25...80 |

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CompactM12 2 AI C V4A

| | | | |
|---|---|---|---|
| Max. relative air humidity | [%] | 90; (non condensing) | |
| Max. height above sea level | [m] | 2000 | |
| Protection | | IP 67; (when flat cables are used E7400x / E7401x) | |
| **Tests / approvals** | | | |
| EMC | | EN 61000-6-2 | |
| | | EN 62026-2 | |
| | | EN 50581 | |
| MTTF | [years] | 167 | |
| UL approval | | voltage supply | Class 2 |
| **AS-i classification** | | | |
| AS-i version | | 2.11; 3.0 | |
| AS-i addressing | | IR addressing possible | |
| Extended addressing mode | | no | |
| AS-i master profile | | M3; M4 | |
| AS-i profile | | S-7.3.D | |
| AS-i I/O configuration | [hex] | 7 | |
| AS-i ID code | [hex] | 3.D | |
| AS-i certificate | | 99101 | |
| **Mechanical data** | | | |
| Weight | [g] | 275.5 | |
| Housing | | rectangular | |
| Type of mounting | | AS-i flat cables directly connectable; backplane mounting | |
| Dimensions | [mm] | 118.2 x 60 x 27 | |
| Materials | | PA; socket: stainless steel (316L/1.4404); threaded inserts in the lower part: stainless steel (316L/1.4404); screws in the lower part: stainless steel (316Cu/1.4578); piercing contacts: CuSn6 nickel-plated and tin-plated | |
| **Displays / operating elements** | | | |
| Display | | operation | LED, green Voltage AS-i |
| | | errors | LED, red |
| | | function | LED, yellow channels AI1, AI2 |
| **Electrical connection** | | | |
| Module connection | | Flat cables | |
| **Accessories** | | | |
| Accessories (optional) | | Protective cap: M12, E73004 | |
| | | Stainless steel sleeve, for installation in case of high mechanical stress , E70402 | |
| **Remarks** | | | |
| Remarks | | When the actuators are supplied from AS-i the load must not exceed a maximum of 200 mA. | |
| | | There is an electrical connection between the sensor and AS-i. | |
| | | The module is exclusively supplied via the yellow AS-i cable. | |
| Pack quantity | | 1 pcs. | |

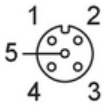
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## AS-Interface CompactLine module

**CompactM12 2 AI C V4A**

## Electrical connection

Connector:  M12; coding: A; Contacts: 5




| | |
|---|---|
| 1 | Sensor supply +24V |
| 2 | analogue input AI + |
| 3 | Sensor supply 0V / analogue input AI- |
| 5 | functional earth |