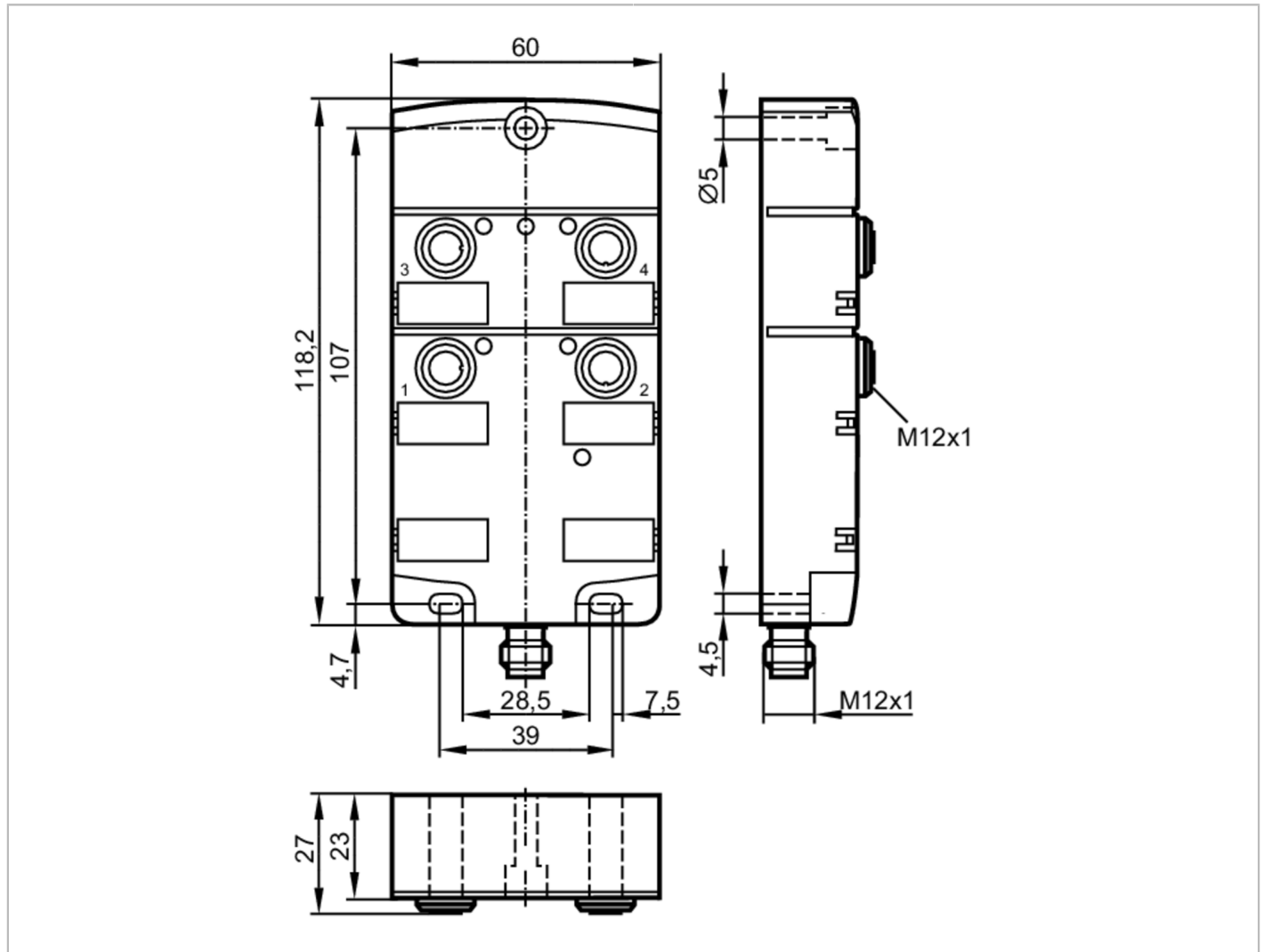


AC2468



AS-Interface CompactLine module

CompactM12 4 DI-Y A/B M12



Electrical data

| | | |
|------------------------------------|------|---|
| Operating voltage | [V] | 26.5...31.6 DC; ("supply class 2" to cULus) |
| Max. current consumption from AS-i | [mA] | 250 |

Inputs / outputs

| | |
|------------------------------|-----------------------------|
| Number of inputs and outputs | Number of digital inputs: 4 |
|------------------------------|-----------------------------|



AS-Interface CompactLine module

CompactM12 4 DI-Y A/B M12

| Inputs | | | | | |
|---|---|-------------|-----------|-------|-----------|
| Number of digital inputs | 4 | | | | |
| Input circuit of digital inputs | PNP | | | | |
| Sensor supply of the inputs | AS-i | | | | |
| Voltage supply [V] | 20...30 | | | | |
| Max. total current rating of inputs [mA] | 200 | | | | |
| Input current limitation [mA] | 15 | | | | |
| Input current High [mA] | 6...10 | | | | |
| Input current Low [mA] | 0...2 | | | | |
| Min. switching level high signal [V] | 11 | | | | |
| Digital inputs protected against short circuits | yes | | | | |
| Operating conditions | | | | | |
| Ambient temperature [°C] | -25...80 | | | | |
| Protection | IP 67 | | | | |
| Tests / approvals | | | | | |
| EMC | EN 62026-2 | | | | |
| | EN 61000-6-2 | | | | |
| AS-i classification | | | | | |
| AS-i version | 2.11 + 3.0 | | | | |
| Extended addressing mode possible | yes | | | | |
| AS-i profile | S-0.A.E | | | | |
| AS-i I/O configuration [hex] | 0 | | | | |
| AS-i ID code [hex] | A.E | | | | |
| AS-i certificate | 126401 | | | | |
| Assignment of the data bits | data bit | D0 | D1 | D2 | D3 |
| | input | 1 | 2 | 3 | 4 |
| | socket | I-1/2 | I-1/2 I-2 | I-3/4 | I-3/4 I-4 |
| | pin | 4 | 2 4 | 4 | 2 4 |
| Mechanical data | | | | | |
| Weight [g] | 303 | | | | |
| Housing | AS-i voltage via M12 connector | | | | |
| Materials | PA; socket: brass nickel-plated; O-ring: FKM | | | | |
| Displays / operating elements | | | | | |
| Display | operation | LED, green | | | |
| | errors | LED, red | | | |
| | function | LED, yellow | | | |
| Accessories | | | | | |
| Accessories (optional) | Stainless steel sleeve, for installation in case of high mechanical stress , E70402 | | | | |



AS-Interface CompactLine module

CompactM12 4 DI-Y A/B M12

| Remarks | |
|---------------|--|
| Remarks | Do not connect any of the following points to an external potential: I-, I+, I1, I2, I3, I4 |
| Pack quantity | The connections are electrically connected with the AS-i cable. 1 pcs. |

Electrical connection - AS-i

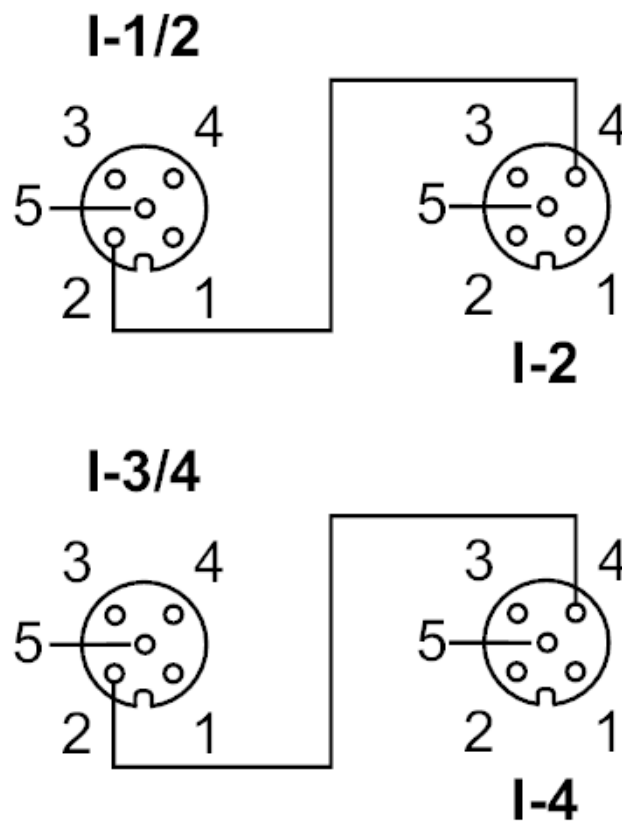
- 1 AS-i +
- 3 AS-i -

Connector: M12



Electrical connection - Process connection

Connection



AC2468



AS-Interface CompactLine module

CompactM12 4 DI-Y A/B M12

| | Inputs |
|---|-----------------------|
| 1 | Sensor supply + |
| 2 | data input |
| 3 | Sensor supply - |
| 4 | data input |
| 5 | functional earth (FE) |

Connector: M12

