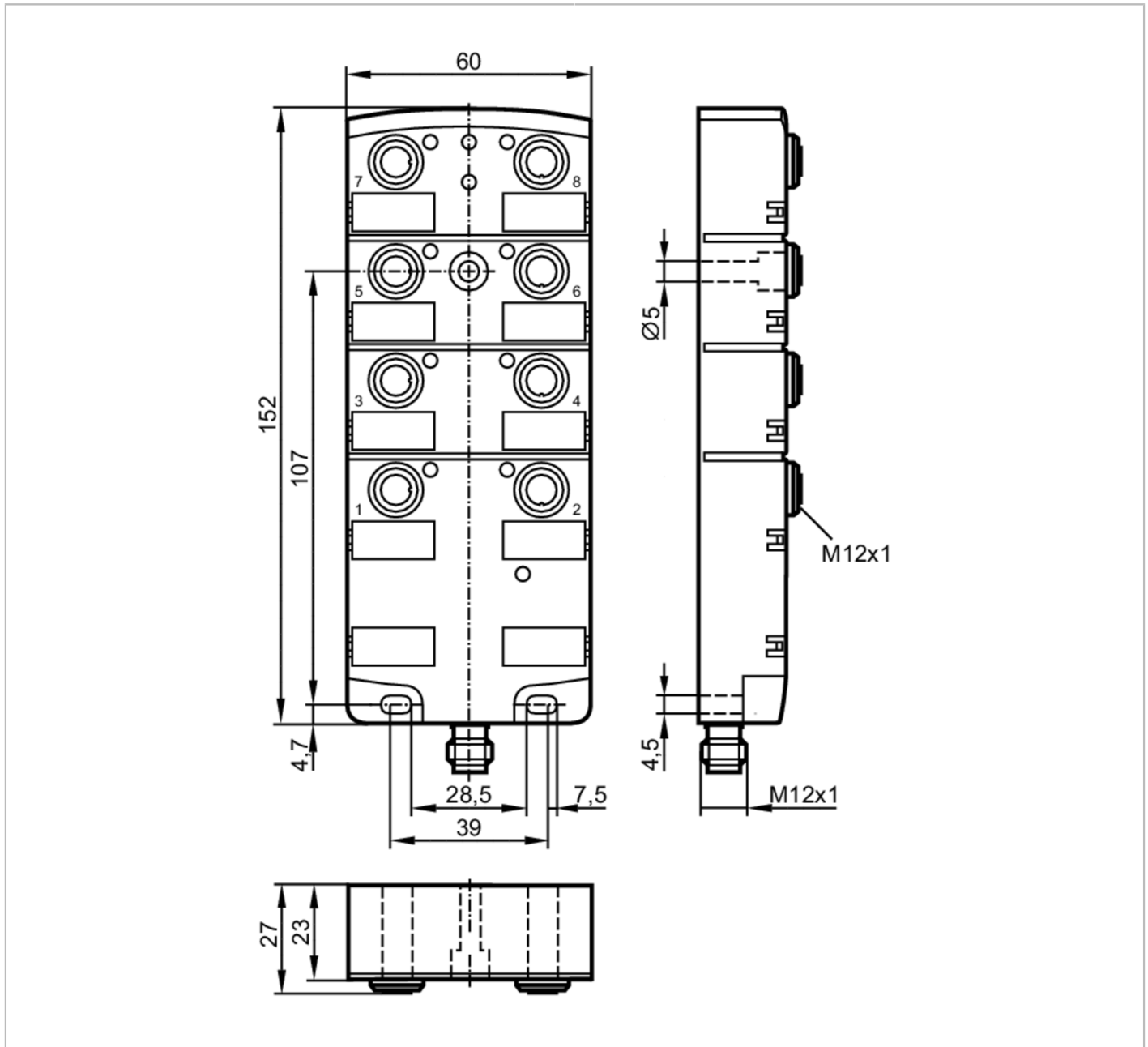


AC2467



AS-Interface CompactLine module

CompactM12 4 DI-Y 4 DO A/B M12



| Application | |
|--|--------------------|
| Application | field installation |
| Electrical data | |
| Operating voltage [V] | 26.5...31.6 DC |
| Max. current consumption from AS-i [mA] | 250 |
| Max. current load total [A] | 4 |
| Additional voltage supply [V] | 10...30 DC; (AUX) |
| Max. current consumption from additional supply [mA] | 4000; (AUX) |
| Integrated watchdog | yes |



AS-Interface CompactLine module

CompactM12 4 DI-Y 4 DO A/B M12

| Inputs / outputs | |
|---|--|
| Number of inputs and outputs | Number of digital inputs: 4; Number of digital outputs: 4 |
| Inputs | |
| Number of digital inputs | 4 |
| Input circuit of digital inputs | PNP; (type 2 according to IEC 61131-2) |
| Sensor supply of the inputs | AS-i |
| Voltage supply [V] | 20...30; (DC) |
| 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 |
| Switching level high [V] | > 11 |
| Digital inputs protected against short circuits | yes |
| Outputs | |
| Number of digital outputs | 4 |
| Circuit | PNP |
| Voltage range DC [V] | 10...30; (AUX) |
| Max. current load per output [mA] | 2000; (utilization category DC-13 (control of electromagnets): 20 W (IEC 60947-5-1)) |
| Max. current load outputs total [A] | 4 |
| Short-circuit proof | yes |
| Electrically separated | yes |
| Actuator supply outputs | AUX |
| Operating conditions | |
| Ambient temperature [°C] | -25...80 |
| Storage temperature [°C] | -25...80 |
| 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] | 190 |
| UL approval | voltage supply Class 2 |
| AS-i classification | |
| AS-i version | 3.0 |
| AS-i addressing | IR addressing possible |
| Extended addressing mode | yes |
| AS-i master profile | M4 |
| AS-i profile | S-7.A.7 |
| AS-i I/O configuration [hex] | 7 |
| AS-i ID code [hex] | A.7 |

AC2467



AS-Interface CompactLine module

CompactM12 4 DI-Y 4 DO A/B M12

| | | | | | |
|------------------|----------|-------|-------------|-------|-------------|
| AS-i certificate | 126101 | | | | |
| 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 |
| | Output | 1 | 2 | 3 | 4 |
| | Socket | O-1 | O-2 | O-3 | O-4 |
| | Pin | 4 | 4 | 4 | 4 |

Mechanical data

| | |
|------------|--|
| Weight [g] | 388.5 |
| Material | PA; Socket: brass nickel-plated; O-ring: FKM |

Displays / operating elements

| | | |
|---------|------------------|------------------------------|
| Display | Switching status | LED, yellow I1...I4, O1...O4 |
| | Power | LED, green AS-i, AUX |
| | errors | LED, red |

Electrical connection

| | |
|-------------------|-----|
| Module connection | M12 |
|-------------------|-----|

Accessories

| | |
|------------------------|---|
| Accessories (optional) | stainless steel sleeve, for installation in case of high mechanical stress , E70402 |
|------------------------|---|

Remarks

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

Electrical connection - Inputs

| | |
|----------------|-----------------------|
| Connection | |
| Connector: M12 | |
| | Inputs |
| 1 | Sensor supply + |
| 2 | Data input |
| 3 | Sensor supply - |
| 4 | Data input |
| 5 | functional earth (FE) |

AC2467

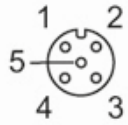


AS-Interface CompactLine module

CompactM12 4 DI-Y 4 DO A/B M12

Electrical connection - Outputs

Connector: M12; coding: A



| | Outputs |
|---|------------------------|
| 1 | not used |
| 2 | not used |
| 3 | External voltage AUX - |
| 4 | Switching output |
| 5 | functional earth (FE) |