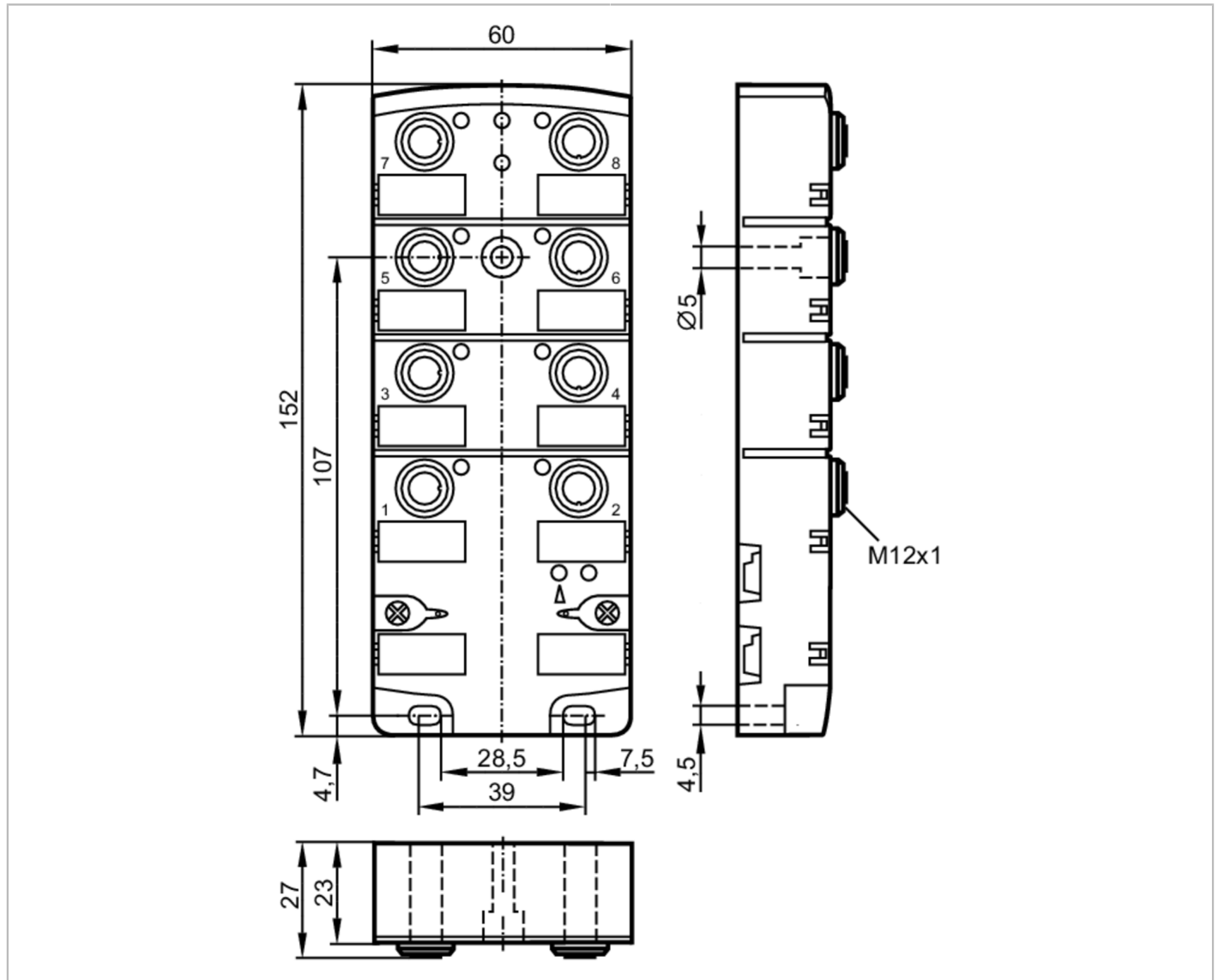


# AC2466



## AS-Interface CompactLine module

CompactLineM12 4 DI 4 DO



| Electrical data                         |   |
|---|---|
| Operating voltage [V]                   | 26.5...31.6 DC; ("supply class 2" to cULus)               |
| Max. current consumption from AS-i [mA] | 40  |
| Max. current load total [A]             | 4   |
| Additional voltage supply [V]           | 20...30 DC; (AUX)   |
| Integrated watchdog                     | yes   |
| Inputs / outputs                        |   |
| Number of inputs and outputs            | Number of digital inputs: 4; Number of digital outputs: 4 |



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| Inputs  |   |     |     |     |     |
|---|---|-----|-----|-----|-----|
| Number of digital inputs                        | 4   |     |     |     |     |
| Input circuit of digital inputs                 | PNP   |     |     |     |     |
| Sensor supply of the inputs                     | to PELV   |     |     |     |     |
| Voltage supply [V]                              | 20...30   |     |     |     |     |
| Max. total current rating of inputs [mA]        | 500   |     |     |     |     |
| 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   |     |     |     |     |
| Outputs   |   |     |     |     |     |
| Number of digital outputs                       | 4   |     |     |     |     |
| Circuit   | PNP   |     |     |     |     |
| Voltage range DC [V]                            | 20...30; (to PELV)  |     |     |     |     |
| Max. current load per output [mA]               | 2000; (utilisation category DC-13 (control of electromagnets): 20 W (IEC 60947-5-1))      |     |     |     |     |
| Short-circuit proof                             | yes   |     |     |     |     |
| Electrically separated                          | yes   |     |     |     |     |
| Operating conditions                            |   |     |     |     |     |
| Ambient temperature [°C]                        | -25...70  |     |     |     |     |
| Protection                                      | IP 67; ("enclosure type 1" according to cULus; when flat cables are used E7400x / E7401x) |     |     |     |     |
| Tests / approvals                               |   |     |     |     |     |
| EMC   | EN 50295  |     |     |     |     |
| AS-i classification                             |   |     |     |     |     |
| AS-i version                                    | 2.11 + 3.0  |     |     |     |     |
| AS-i addressing                                 | IR addressing possible  |     |     |     |     |
| Extended addressing mode possible               | no  |     |     |     |     |
| AS-i profile                                    | S-7.0.E   |     |     |     |     |
| AS-i I/O configuration [hex]                    | 7   |     |     |     |     |
| AS-i ID code [hex]                              | 0.E   |     |     |     |     |
| AS-i certificate                                | 92301   |     |     |     |     |
| Assignment of the data bits                     | data bit  | D0  | D1  | D2  | D3  |
|   | input   | 1   | 2   | 3   | 4   |
|   | socket  | I-1 | I-2 | I-3 | I-4 |
|   | pin   | 2+4 | 2+4 | 2+4 | 2+4 |
|   | Output  | 1   | 2   | 3   | 4   |
|   | socket  | O-1 | O-2 | O-3 | O-4 |
|   | pin   | 4   | 4   | 4   | 4   |



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| Mechanical data                 |  |             |
|---------------------------------|--|-------------|
| Weight [g]                      | 362.5  |             |
| Type of mounting                | AS-i flat cables directly connectable  |             |
| Materials                       | PA; socket: brass nickel-plated; threaded inserts in the lower part: brass nickel-plated; O-ring: FKM; piercing contacts: CuSn6 nickel-plated and tin-plated |             |
| 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  |             |
| Remarks                         |  |             |
| Pack quantity                   | 1 pcs.   |             |
| Electrical connection - Inputs  |  |             |
|                                 | Inputs   |             |
| 1                               | Sensor supply L+   |             |
| 2+4                             | data input 1 internally bridged  |             |
| 3                               | Sensor supply L-   |             |
| 5                               | functional earth   |             |
| Connector: M12                  |  |             |
|                                 |  |             |
| Electrical connection - Outputs |  |             |
|                                 | Outputs  |             |
| 3                               | external voltage AUX -   |             |
| 4                               | switching output   |             |
| 5                               | functional earth (FE)  |             |
| 1, 2                            | not used   |             |
| Connector: M12                  |  |             |
|                                 |  |             |