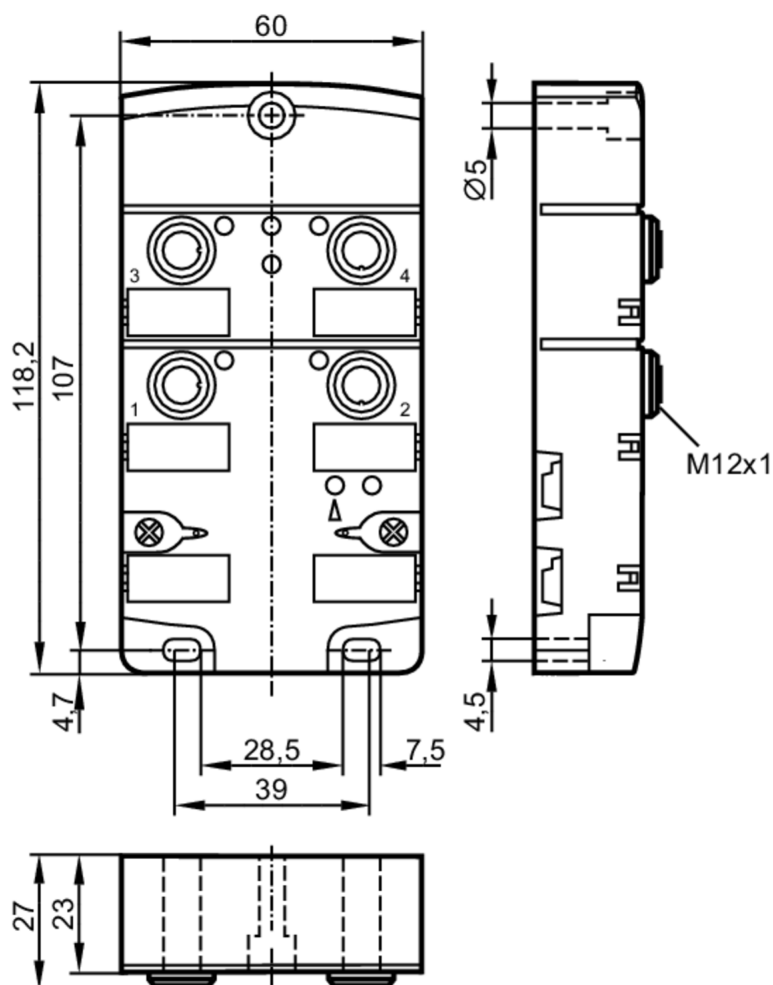




## AS-Interface CompactLine module

CompactM12 4 DO T V4A A/B



## Application

Application

only for operation with AS-i masters with the profile M4

## Electrical data

|                                    |      |                                             |
|------------------------------------|------|---------------------------------------------|
| Operating voltage                  | [V]  | 26.5...31.6 DC; ("supply class 2" to cULus) |
| Max. current consumption from AS-i | [mA] | 75                                          |
| Max. current load total            | [A]  | 4                                           |
| Additional voltage supply          | [V]  | 15...30 DC; (AUX)                           |
| Integrated watchdog                |      | yes                                         |

## Inputs / outputs

Number of inputs and outputs

Number of digital outputs: 4



## AS-Interface CompactLine module

CompactM12 4 DO T V4A A/B

| Outputs                           |  |                                                                                                                                                                                                                                  |     |             |     |     |
|-----------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------|-----|-----|
| Number of digital outputs         |  | 4                                                                                                                                                                                                                                |     |             |     |     |
| Beschaltung                       |  | PNP                                                                                                                                                                                                                              |     |             |     |     |
| Voltage range DC                  |  | 15...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...80                                                                                                                                                                                                                         |     |             |     |     |
| Protection                        |  | IP 67; (when flat cables are used E7400x / E7401x)                                                                                                                                                                               |     |             |     |     |
| Tests / approvals                 |  |                                                                                                                                                                                                                                  |     |             |     |     |
| EMC                               |  | EN 50295                                                                                                                                                                                                                         |     |             |     |     |
| AS-i classification               |  |                                                                                                                                                                                                                                  |     |             |     |     |
| AS-i version                      |  | 3.0                                                                                                                                                                                                                              |     |             |     |     |
| AS-i addressing                   |  | IR addressing possible                                                                                                                                                                                                           |     |             |     |     |
| Extended addressing mode possible |  | yes                                                                                                                                                                                                                              |     |             |     |     |
| AS-i profile                      |  | S-7.A.7                                                                                                                                                                                                                          |     |             |     |     |
| AS-i I/O configuration [hex]      |  | 7                                                                                                                                                                                                                                |     |             |     |     |
| AS-i ID code [hex]                |  | A.7                                                                                                                                                                                                                              |     |             |     |     |
| AS-i certificate                  |  | 128401                                                                                                                                                                                                                           |     |             |     |     |
| Assignment of the data bits       |  | data bit                                                                                                                                                                                                                         | D0  | D1          | D2  | D3  |
|                                   |  | Output                                                                                                                                                                                                                           | 1   | 2           | 3   | 4   |
|                                   |  | socket                                                                                                                                                                                                                           | O-1 | O-2         | O-3 | O-4 |
|                                   |  | pin                                                                                                                                                                                                                              | 4   | 4           | 4   | 4   |
| Mechanical data                   |  |                                                                                                                                                                                                                                  |     |             |     |     |
| Weight [g]                        |  | 285                                                                                                                                                                                                                              |     |             |     |     |
| Type of mounting                  |  | AS-i flat cables directly connectable                                                                                                                                                                                            |     |             |     |     |
| Materials                         |  | PA; socket: stainless steel (1.4404 / 316L); threaded inserts in the lower part: stainless steel (1.4404 / 316L); O-ring: EPDM; screws: stainless steel (1.4578 / 316Cu); 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.                                                                                                                                                                                                                           |     |             |     |     |



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### Electrical connection

| Outputs |                        |
|---------|------------------------|
| 3       | external voltage AUX - |
| 4       | switching output       |
| 5       | functional earth (FE)  |
| 1, 2    | not used               |

Connector: M12

