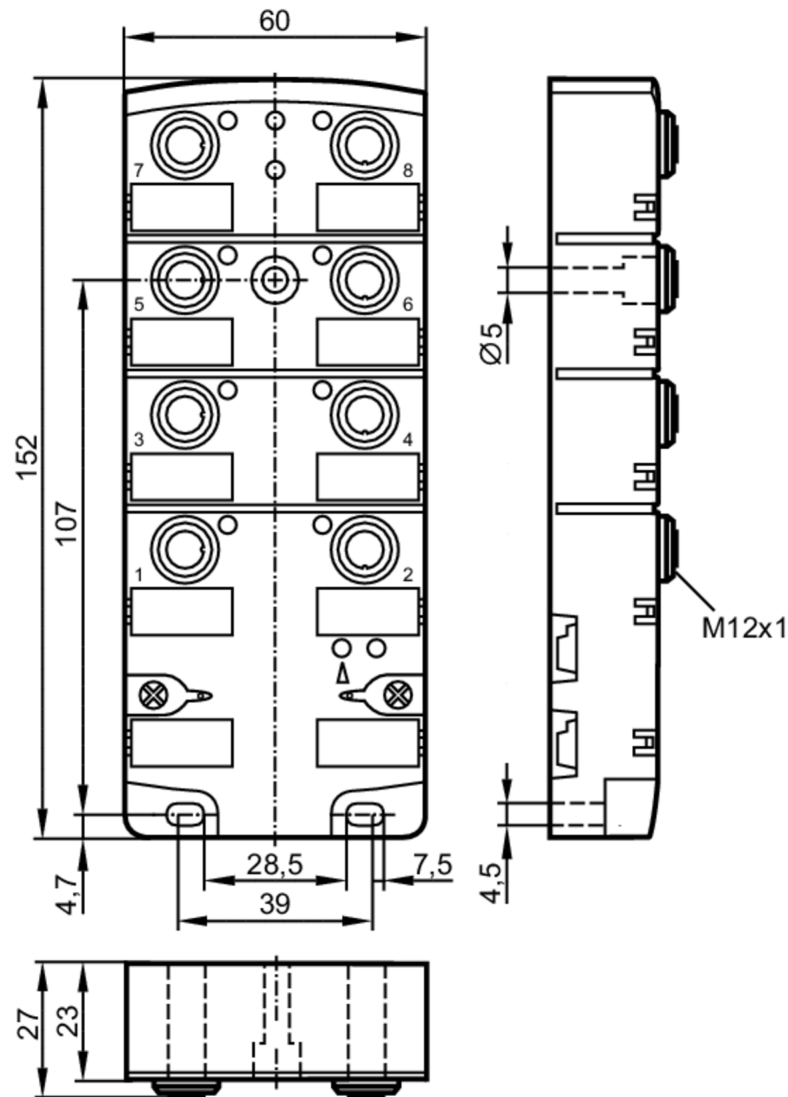


# AC2466



## AS-Interface CompactLine module

CompactLineM12 4 DI 4 DO



### Application

Application

field installation

### Electrical data

|                                                 |      |                   |
|-------------------------------------------------|------|-------------------|
| Operating voltage                               | [V]  | 26.5...31.6 DC    |
| Max. current consumption from AS-i              | [mA] | 40                |
| Max. current load total                         | [A]  | 4                 |
| Additional voltage supply                       | [V]  | 20...30 DC; (AUX) |
| Max. current consumption from additional supply | [mA] | 4600; (AUX)       |
| Integrated watchdog                             |      | yes               |

### Inputs / outputs

Number of inputs and outputs

Number of digital inputs: 4; Number of digital outputs: 4



## AS-Interface CompactLine module

CompactLineM12 4 DI 4 DO

| Inputs                                          |                |                                                                                      |
|-------------------------------------------------|----------------|--------------------------------------------------------------------------------------|
| Number of digital inputs                        |                | 4                                                                                    |
| Input circuit of digital inputs                 |                | PNP; (type 2 according to IEC 61131-2)                                               |
| Sensor supply of the inputs                     |                | AUX                                                                                  |
| Voltage supply [V]                              |                | 20...30; (DC)                                                                        |
| 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                                                                                |
| Switching level high [V]                        |                | > 11                                                                                 |
| Digital inputs protected against short circuits |                | yes                                                                                  |
| Outputs                                         |                |                                                                                      |
| Number of digital outputs                       |                | 4                                                                                    |
| Circuit                                         |                | PNP                                                                                  |
| Voltage range DC [V]                            |                | 20...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]                                    |                | 204                                                                                  |
| 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                             |                | M2; M3; M4                                                                           |
| 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                                                                                |

AC2466



AS-Interface CompactLine module

CompactLineM12 4 DI 4 DO

|           |          |     |     |     |     |
|-----------|----------|-----|-----|-----|-----|
| 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   |

Mechanical data

|                  |                                                                                                                                                              |       |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| Weight           | [g]                                                                                                                                                          | 362.5 |
| Type of mounting | AS-i flat cable connection                                                                                                                                   |       |
| Material         | 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 | Switching status | LED, yellow I1...I4, O1...O4 |
|         | Power            | LED, green AS-i, AUX         |
|         | errors           | LED, red                     |

Electrical connection

|                   |            |
|-------------------|------------|
| Module connection | Flat cable |
|-------------------|------------|

Accessories

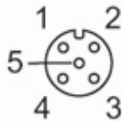
|                        |                                                                                     |
|------------------------|-------------------------------------------------------------------------------------|
| Accessories (optional) | stainless steel sleeve, for installation in case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

Remarks

|               |        |
|---------------|--------|
| Pack quantity | 1 pcs. |
|---------------|--------|

Electrical connection - Inputs

Connector: M12; coding: A



|     |                                 |
|-----|---------------------------------|
| 1   | Inputs                          |
| 2+4 | Sensor supply L+                |
| 3   | Data input 1 internally bridged |
| 5   | Sensor supply L-                |
|     | functional earth                |

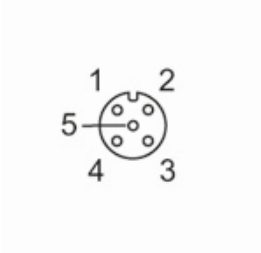


AS-Interface CompactLine module

CompactLineM12 4 DI 4 DO

Electrical connection - Outputs

Connector: M12; coding: A



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