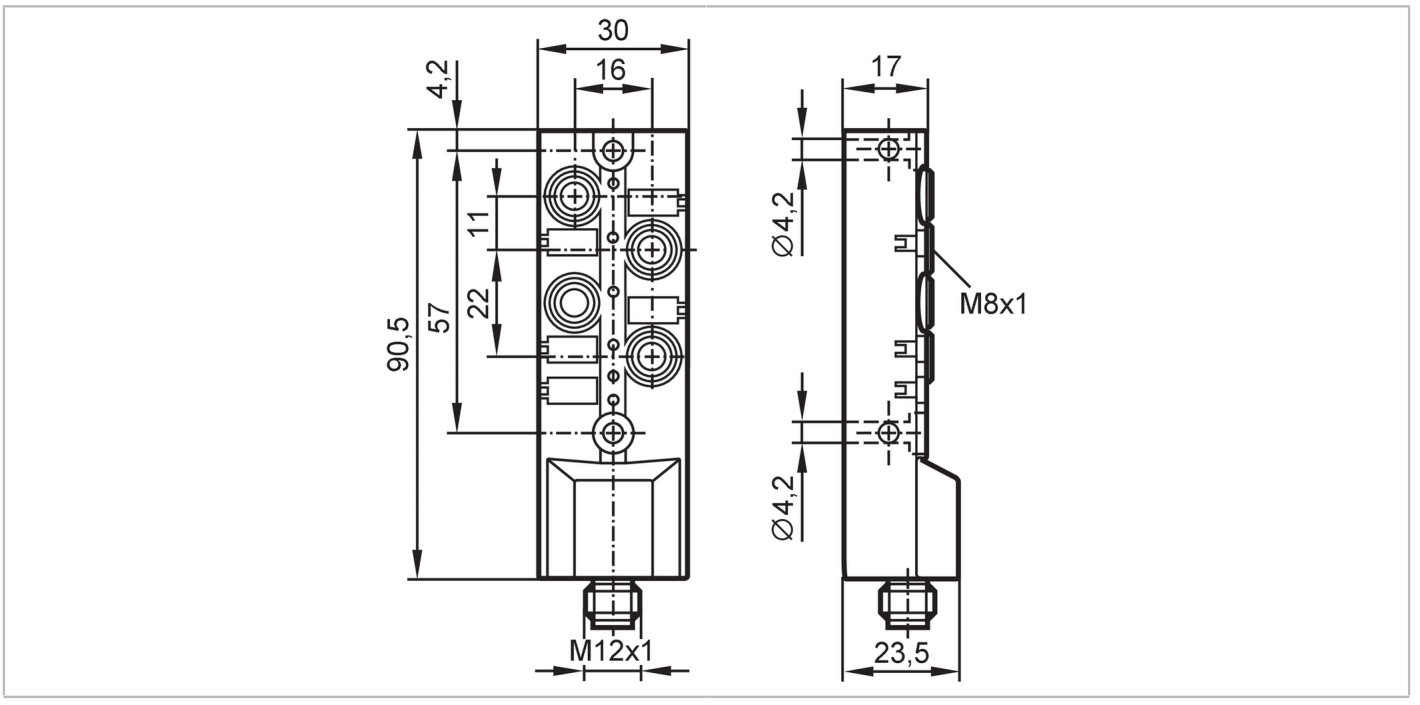
# AC2484

## AS-Interface CompactLine module

CompactM8 4DI




| | | |
|---|---|---|
| **Application** | | |
| Application | | field installation |
| **Electrical data** | | |
| Operating voltage | [V] | 26.5...31.6 DC |
| Max. current consumption from AS-i | [mA] | 230 |
| **Inputs / outputs** | | |
| Number of inputs and outputs | | Number of digital inputs: 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] | 18...30;  (DC) |
| Max. total current rating of inputs | [mA] | 180 |
| Switching level high | [V] | > 11 |
| Digital inputs protected against short circuits | | yes |
| **Operating conditions** | | |
| Ambient temperature | [°C] | -25...60 |
| Storage temperature | [°C] | -25...60 |
| Max. relative air humidity | [%] | 90;  (non condensing) |
| Max. height above sea level | [m] | 2000 |
| Protection | | IP 65; IP 67; IP 68 |

# AC2484

## AS-Interface CompactLine module

CompactM8 4DI

### Tests / approvals

| | | | |
|---|---|---|---|
| EMC | EN 62026-2 | | |
| | EN 50581 | | |
| MTTF [years] | 256 | | |
| UL approval | voltage supply | Class 2 | |

### AS-i classification

| | | | | | | |
|---|---|---|---|---|---|---|
| AS-i version | 2.11; 3.0 | | | | | |
| Extended addressing mode | yes | | | | | |
| AS-i master profile | M2; M3; M4 | | | | | |
| AS-i profile | S-0.A.E | | | | | |
| AS-i I/O configuration [hex] | 0 | | | | | |
| AS-i ID code [hex] | A.E | | | | | |
| AS-i certificate | 100801 | | | | | |
| Assignment of the data bits | data bit | D0 | D1 | D2 | D3 | |
| | input | I-1 | I-2 | I-3 | I-4 | |
| Assignment of the parameter bits | parameter bit | Designation | | | | |
| | P0 | not used | | | | |
| | P1 | peripheral fault indication | : 1 | activated | / 0 | deactivated |
| | P2 | not used | | | | |
| | P3 | not used | | | | |

### Mechanical data

| | |
|---|---|
| Weight [g] | 110.5 |
| Housing | rectangular |
| Type of mounting | backplane mounting |
| Dimensions [mm] | 90.5 x 30 x 23.5 |
| Materials | housing: PBT |

### Displays / operating elements

| | | |
|---|---|---|
| Display | switching status | LED, yellow I1...I4 |
| | operation | LED, green AS-i |
| | errors | LED, red |

### Electrical connection

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

### Accessories

| | |
|---|---|
| Items supplied | Label tags |
| | Protective caps: 2 |
| Accessories (optional) | Protective cap: M8, E73005 |
| | Flat cable insulation displacement connector: 1 m, round cable, E70583 |
| | Flat cable insulation displacement connector: M12, E70096 |
| | DIN rail adapter:, E73006 |

### 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. |

# AC2484

## AS-Interface CompactLine module

**CompactM8 4DI**

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

### Electrical connection - AS-i

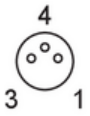
Connector: 1 x M12; coding: A; Contacts: 2




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

### Electrical connection - Inputs

Connector: 4 x M8; coding: A; Contacts: 3




| | Inputs |
|---|---|
| 1 | Sensor supply L+ |
| 3 | Sensor supply L- |
| 4 | data input |