

## CompactModule/2x2DI/M12

Alternative articles: AC2457

Technical drawing of the LED module showing top and side views with dimensions.

**Top View Dimensions:**

- Overall width: 118
- Overall height: 60
- Distance between LED chips (center-to-center): 107
- Distance from top edge to LED chip center line: 39
- Distance from bottom edge to LED chip center line: 4,5
- Distance from left edge to LED chip center line: 4,5
- Distance from right edge to LED chip center line: 4,5

**Side View Dimensions:**

- Overall height: 24
- Distance from bottom edge to LED chip center line: 17

**Labels and Callouts:**

- 1**: Points to the LED chip.
- 2**: Points to the LED chip.
- M12x1-**: Points to the mounting hole.
- LED**: Points to the LED chip.
- 3**: Points to the LED chip.
- 4**: Points to the LED chip.

- 

|             |                    |
|-------------|--------------------|
| Application | field installation |
|-------------|--------------------|

|                     |      |                |
|---------------------|------|----------------|
| Operating voltage   | [V]  | 26.5...31.6 DC |
| Current consumption | [mA] | < 242          |

|                              |                             |
|------------------------------|-----------------------------|
| Number of inputs and outputs | Number of digital inputs: 4 |
|------------------------------|-----------------------------|

|                                          |            |
|------------------------------------------|------------|
| Number of digital inputs                 | 4; (2 x 2) |
| Input circuit of digital inputs          | PNP        |
| Sensor supply of the inputs              | AS-i       |
| Power supply [V]                         | 20...30    |
| Max. total current rating of inputs [mA] | 200        |
| Input current High [mA]                  | > 5        |
| Input current Low [mA]                   | < 1.5      |
| Switching level high [V]                 | > 10       |



## AS-Interface CompactLine module

CompactModule/2x2DI/M12

|                                                 |     |
|-------------------------------------------------|-----|
| Digital inputs protected against short circuits | yes |
|-------------------------------------------------|-----|

## Outputs

|                   |      |
|-------------------|------|
| Electrical design | AS-i |
|-------------------|------|

## Operating conditions

|                     |      |          |
|---------------------|------|----------|
| Ambient temperature | [°C] | -25...80 |
| Protection          |      | IP 67    |

## Tests / approvals

|     |          |
|-----|----------|
| EMC | EN 50295 |
|-----|----------|

## AS-i classification

|                             |          |       |       |       |       |
|-----------------------------|----------|-------|-------|-------|-------|
| AS-i profile                | S-0.1    |       |       |       |       |
| AS-i I/O configuration      | [hex]    | 0     |       |       |       |
| AS-i ID code                | [hex]    | 1     |       |       |       |
| Assignment of the data bits | data bit | D0    | D1    | D2    | D3    |
|                             | socket   | I-1/2 | I-1/2 | I-3/4 | I-3/4 |
|                             | pin      | 4     | 2     | 4     | 2     |

## Mechanical data

|                  |                                       |
|------------------|---------------------------------------|
| Type of mounting | AS-i flat cables directly connectable |
| Materials        | PUR                                   |

## Displays / operating elements

|         |           |             |
|---------|-----------|-------------|
| Display | operation | LED, green  |
|         | function  | LED, yellow |

## Remarks

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

## Electrical connection

Connector: M12; coding: A

