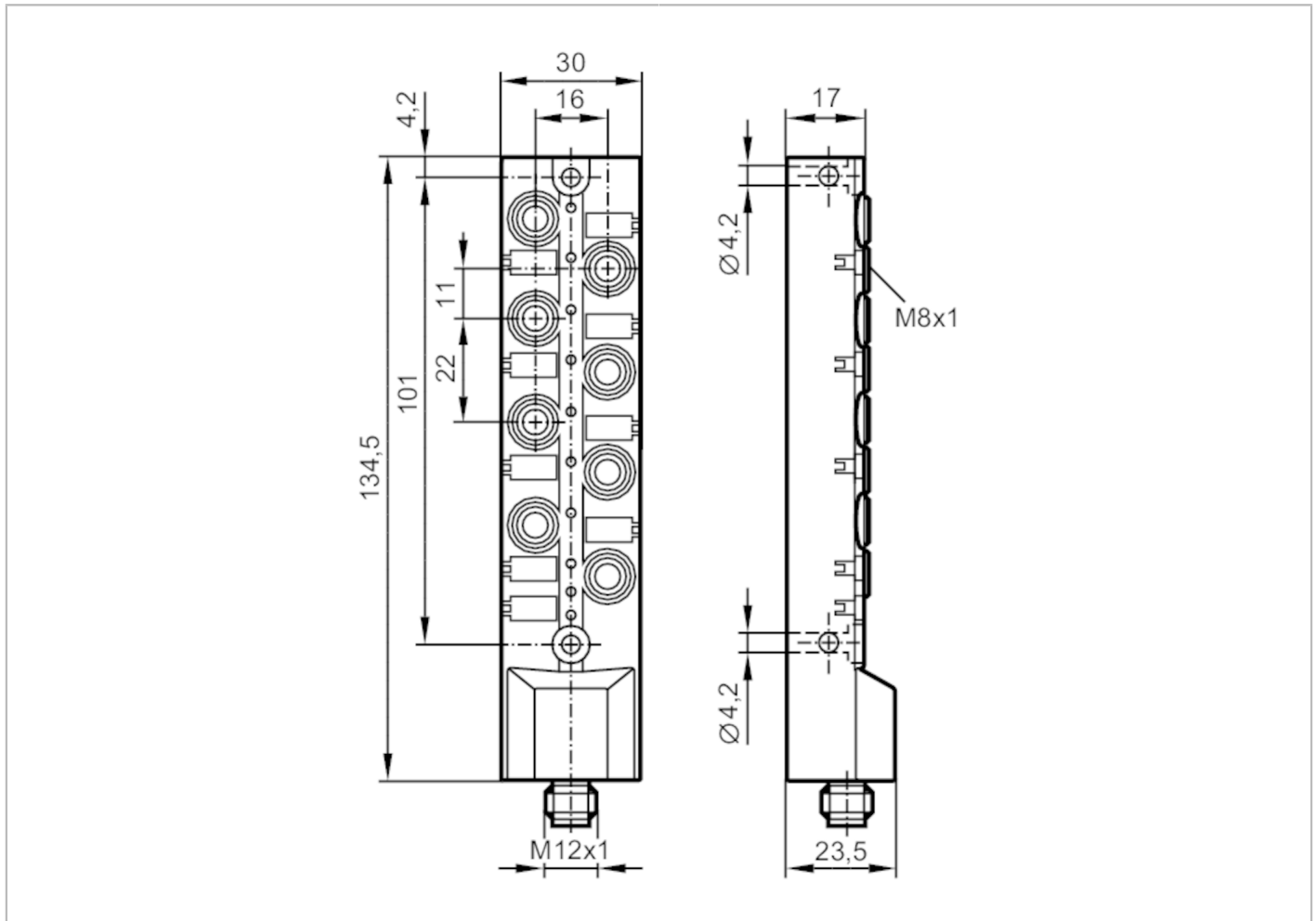


# AC2489



## AS-Interface CompactLine module

CompactM8 2 x 4 DI A/B



### Electrical data

Operating voltage	[V]	26.5...31.6 DC; ("supply class 2" to cULus)
Max. current consumption from AS-i	[mA]	250

### Inputs / outputs

Number of inputs and outputs	Number of digital inputs: 8
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### Inputs

Number of digital inputs	8; (2 x Slave)
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
Max. total current rating of inputs	[mA] 180
Min. switching level high signal	[V] 11
Digital inputs protected against short circuits	yes



## AS-Interface CompactLine module

CompactM8 2 x 4 DI A/B

Operating conditions																															
Ambient 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																														
Tests / approvals																															
EMC	EN 62026-2																														
	EN 61000-6-2																														
	EN 61000-6-3																														
AS-i classification																															
AS-i version	3.0																														
Extended addressing mode possible	yes																														
AS-i profile	S-0.A.E																														
AS-i I/O configuration [hex]	0																														
AS-i ID code [hex]	A.E																														
AS-i certificate	133901																														
Assignment of the data bits	<table border="1"> <thead> <tr> <th>data bit</th> <th>D0</th> <th>D1</th> <th>D2</th> <th>D3</th> </tr> </thead> <tbody> <tr> <td>input</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> </tr> <tr> <td>socket</td> <td>I-1</td> <td>I-2</td> <td>I-3</td> <td>I-4</td> </tr> <tr> <td>pin</td> <td>4</td> <td>4</td> <td>4</td> <td>4</td> </tr> </tbody> </table>	data bit	D0	D1	D2	D3	input	1	2	3	4	socket	I-1	I-2	I-3	I-4	pin	4	4	4	4										
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	P0	not used																													
	P1	peripheral fault indication	: 1	activated	/ 0	deactivated																									
P2	not used																														
P3	not used																														
Mechanical data																															
Weight [g]	152																														
Type of mounting	backplane mounting																														
Materials	PBT																														
Displays / operating elements																															
Display	switching status	LED, yellow																													
	operation	LED, green																													
	errors	LED, red																													
Accessories																															
Accessories (supplied)	Label tags																														
	Protective caps: 2																														
Accessories (optional)	Protective cap: M8, E73005																														
	Flat cable insulation displacement connector 1m, round cable, E70583																														
	Flat cable insulation displacement connector: M12, E70096																														
	DIN rail adapter, E73007																														



## AS-Interface CompactLine module

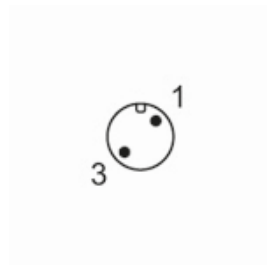
CompactM8 2 x 4 DI A/B

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. default setting of the ID1 codes: slave 1=1 / slave 2=2
Pack quantity	1 pcs.

### Electrical connection - AS-i

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

Connector: M12



### Electrical connection - Inputs

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

Connector: M8

