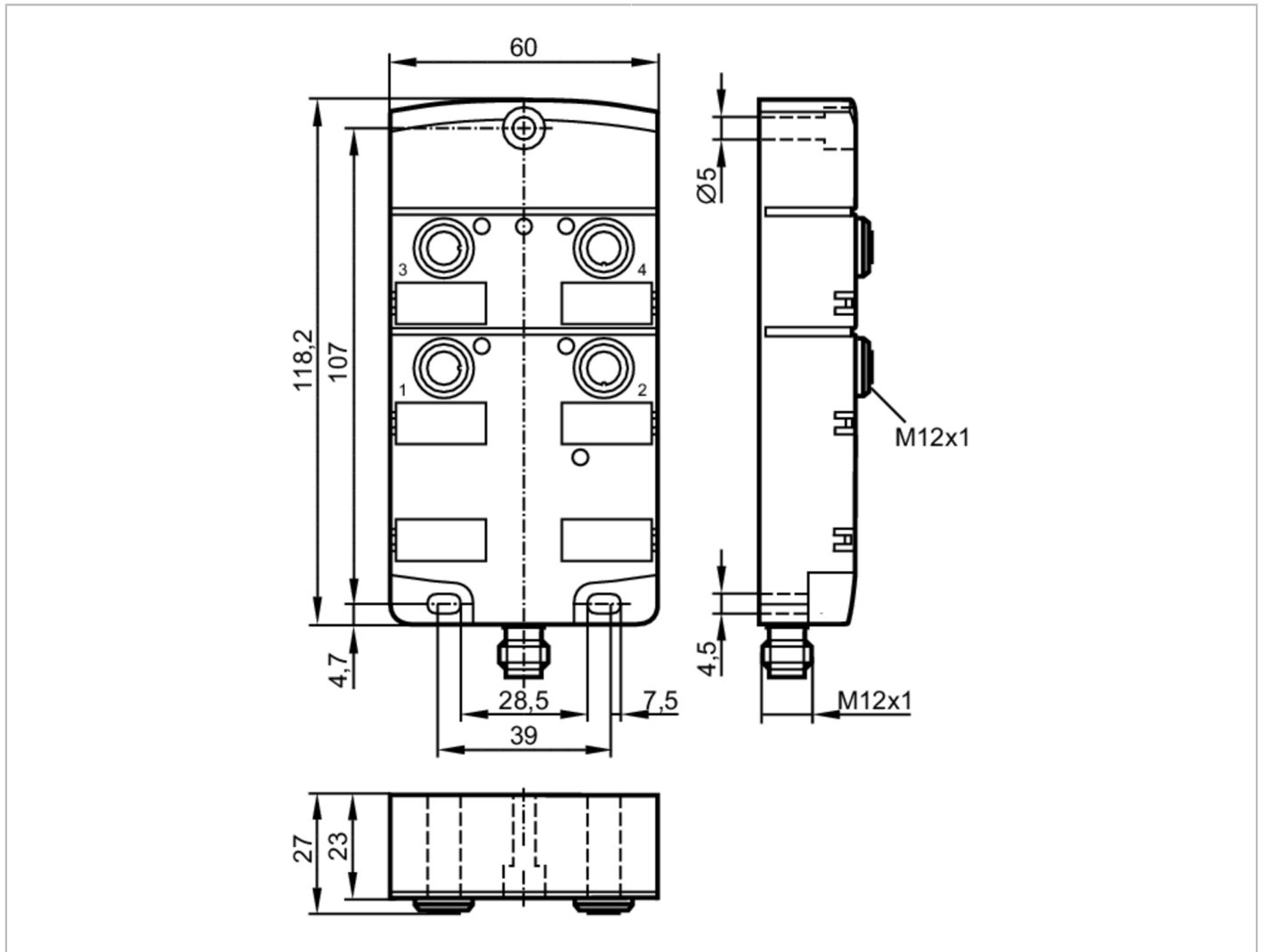


AC2468



AS-Interface CompactLine module

CompactM12 4 DI-Y A/B M12



Application	
Application	field installation
Electrical data	
Operating voltage [V]	26.5...31.6 DC
Max. current consumption from AS-i [mA]	250
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]	20...30; (DC)
Max. total current rating of inputs [mA]	200
Input current limitation [mA]	15

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AS-Interface CompactLine module

CompactM12 4 DI-Y A/B M12

Input current High	[mA]	6...10
Input current low	[mA]	0...2
Switching level high	[V]	> 11
Digital inputs protected against short circuits		yes

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

Tests / approvals		
EMC		EN 61000-6-2
		EN 62026-2
		EN 50581
MTTF	[years]	383
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		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		126401																				
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-1/2</td> <td>I-1/2 I-2</td> <td>I-3/4</td> <td>I-3/4 I-4</td> </tr> <tr> <td>Pin</td> <td>4</td> <td>2 4</td> <td>4</td> <td>2 4</td> </tr> </tbody> </table>	Data bit	D0	D1	D2	D3	Input	1	2	3	4	Socket	I-1/2	I-1/2 I-2	I-3/4	I-3/4 I-4	Pin	4	2 4	4	2 4
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Pin	4	2 4	4	2 4																		

Mechanical data		
Weight	[g]	303
Material		PA; Socket: brass nickel-plated; O-ring: FKM

Displays / operating elements		
Display	Switching status	LED, yellow I1...I4
	Power	LED, green AS-i
	errors	LED, red

Electrical connection	
Module connection	M12

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

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.

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AS-Interface CompactLine module

CompactM12 4 DI-Y A/B M12

Pack quantity

1 pcs.

Electrical connection - AS-i

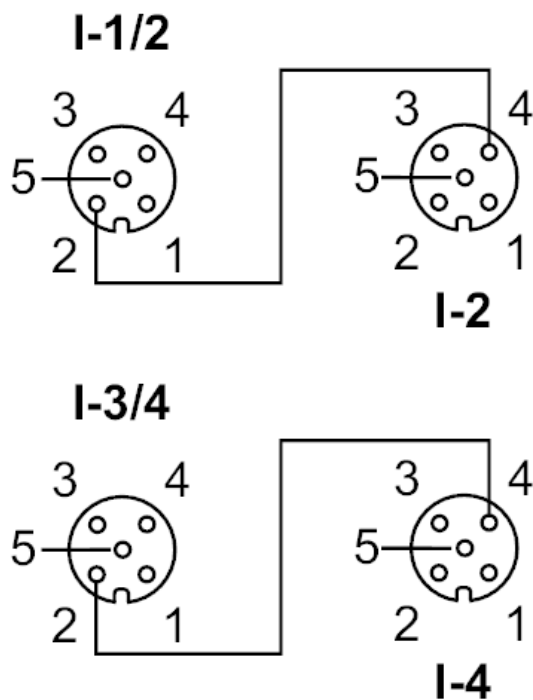
Connector: M12; coding: A



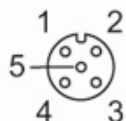
1	AS-i +
3	AS-i -

Electrical connection - Process connection

Connection



Connector: M12; coding: A



	Inputs
1	Sensor supply +
2	Data input
3	Sensor supply -
4	Data input
5	functional earth (FE)