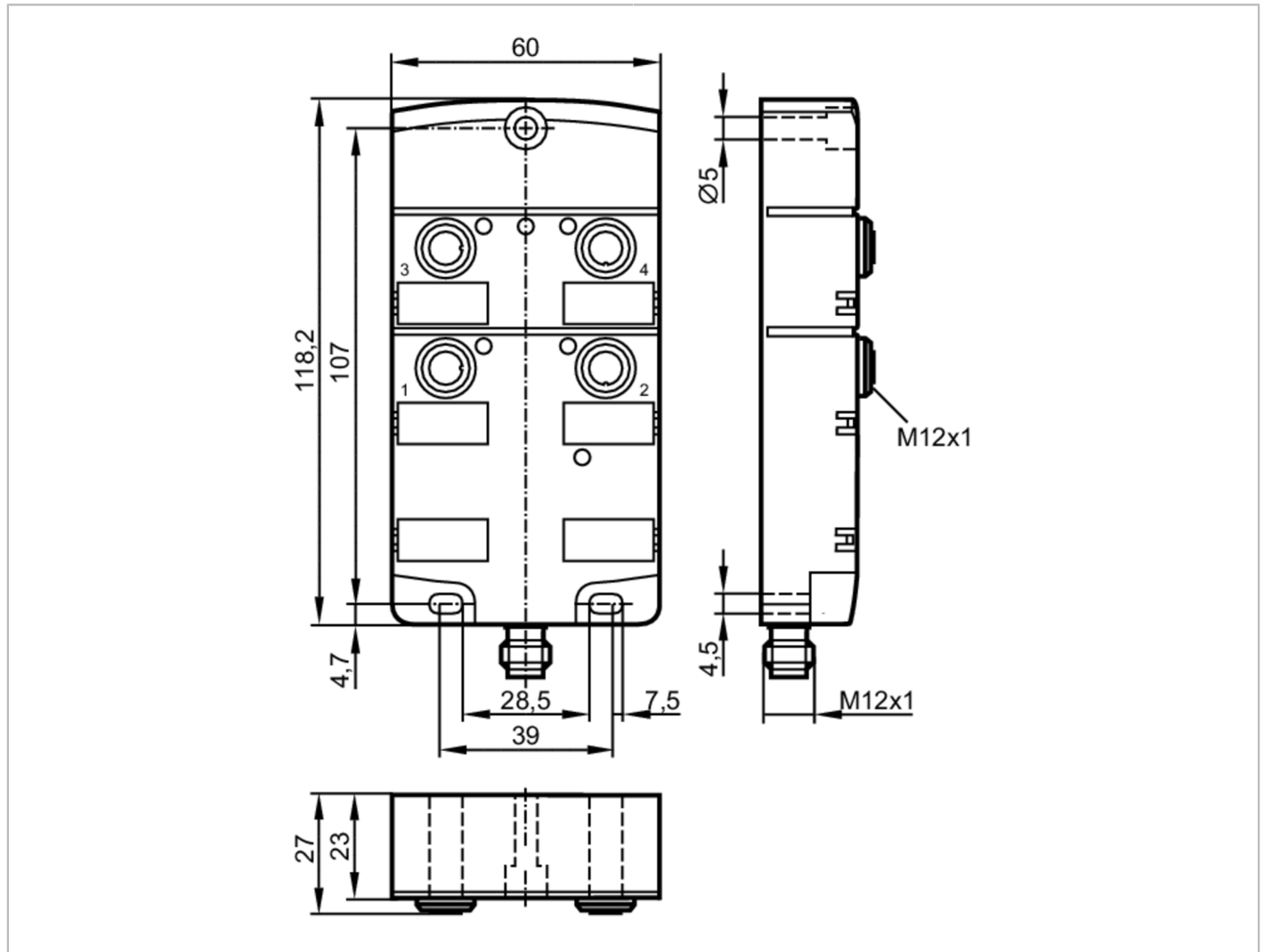


# AC2464



## AS-Interface CompactLine module

CompactLineM12 4DI M12



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: 4



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CompactLineM12 4DI M12

Inputs					
Number of digital inputs	4				
Input circuit of digital inputs	PNP				
Sensor supply of the inputs	AS-i				
Voltage supply [V]	20...30				
Max. total current rating of inputs [mA]	200				
Input current limitation [mA]	15				
Input current High [mA]	6...10				
Input current Low [mA]	0...2				
Min. switching level high signal [V]	11				
Digital inputs protected against short circuits	yes				
Operating conditions					
Ambient temperature [°C]	-25...80				
Protection	IP 67; ("enclosure type 1" according to cULus; when flat cables are used E7400x / E7401x)				
Tests / approvals					
EMC	EN 50295				
AS-i classification					
AS-i version	2.11 + 3.0				
Extended addressing mode possible	no				
AS-i profile	S-0.0.E				
AS-i I/O configuration [hex]	0				
AS-i ID code [hex]	0.E				
AS-i certificate	40501				
Assignment of the 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
Mechanical data					
Weight [g]	301.5				
Housing	AS-i voltage via M12 connector				
Materials	PA; socket: brass nickel-plated; O-ring: FKM				
Displays / operating elements					
Display	operation	LED, green			
	errors	LED, red			
	function	LED, yellow			
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				
Pack quantity	The connections are electrically connected with the AS-i cable. 1 pcs.				



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### Electrical connection - AS-i

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

Connector: M12



### Electrical connection - Process connection

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

Connector: M12

