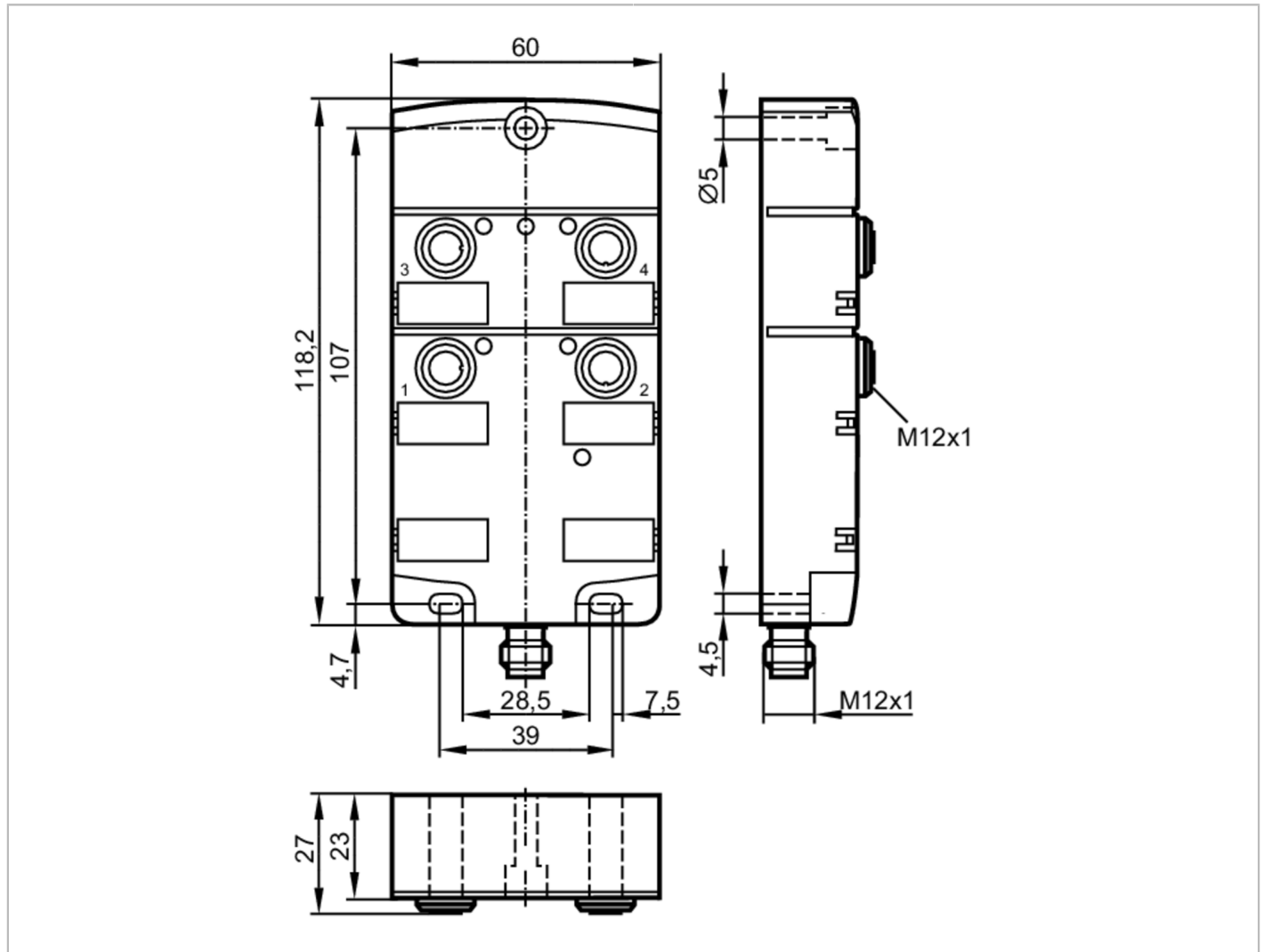


AC2468



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; ("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



AS-Interface CompactLine module

CompactM12 4 DI-Y A/B 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				
Tests / approvals					
EMC	EN 62026-2				
	EN 61000-6-2				
MTTF [years]	383				
AS-i classification					
AS-i version	2.11; 3.0				
Extended addressing mode	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	126401				
Assignment of the data bits	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
Mechanical data					
Weight [g]	303				
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				



AS-Interface CompactLine module

CompactM12 4 DI-Y A/B M12

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.

Electrical connection - AS-i

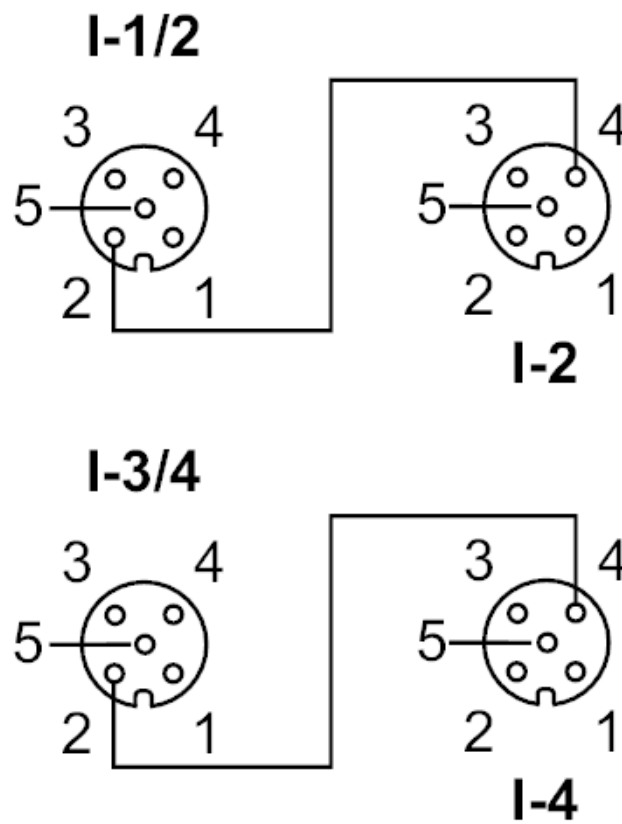
Connector: M12



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

Electrical connection - Process connection

Connection



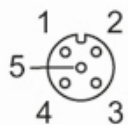
Connector: M12

AC2468



AS-Interface CompactLine module

CompactM12 4 DI-Y A/B M12



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