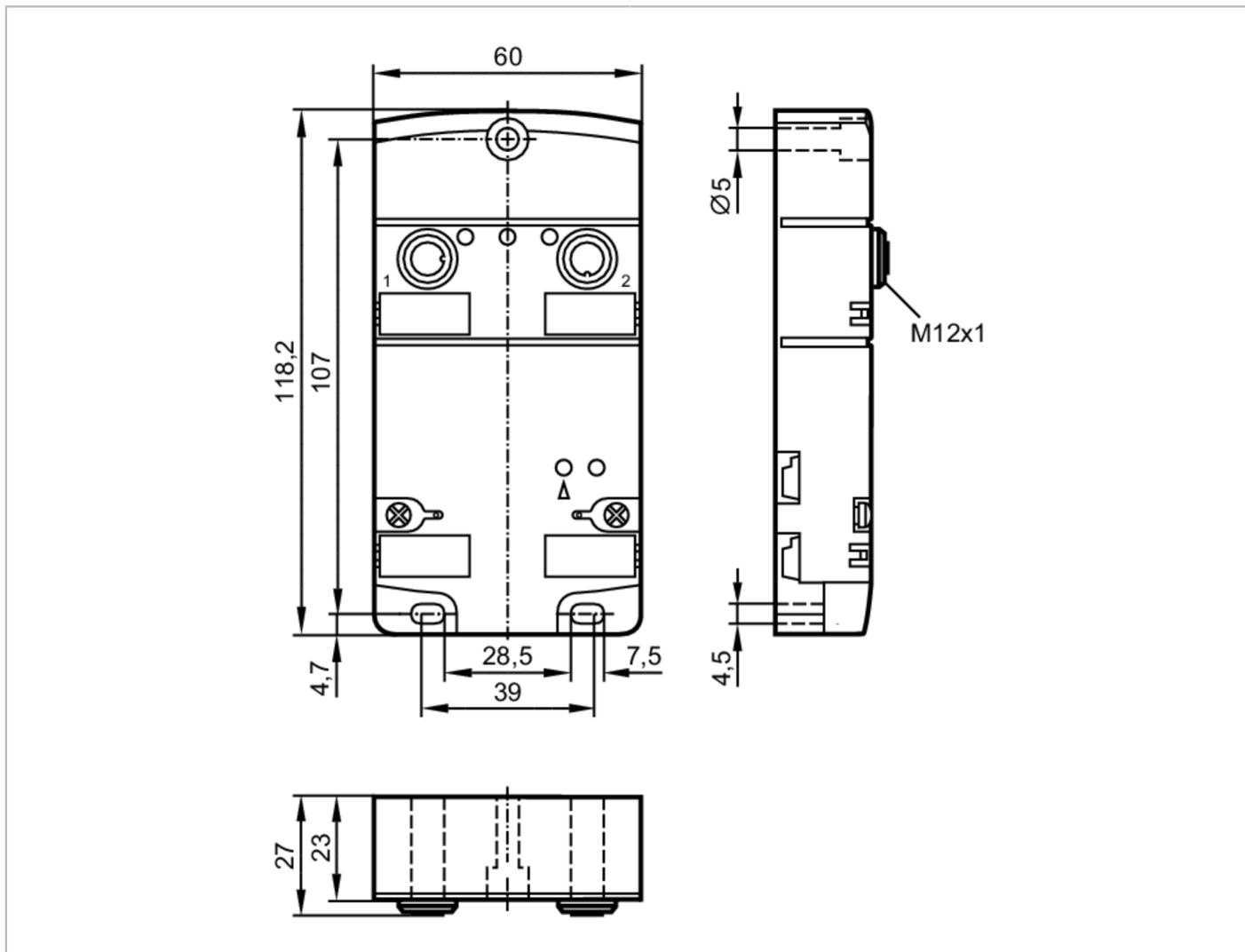


# AC2403



## AS-Interface CompactLine module

CompactM12 2 AI C V4A



Application	
Application	field installation
Electrical data	
Operating voltage [V]	26.5...31.6 DC
Max. current consumption from AS-i [mA]	250
Reverse polarity protection	yes
Inputs / outputs	
Number of inputs and outputs	Number of analog inputs: 2
Inputs	
Max. total current rating of inputs [mA]	200
Number of analog inputs	2; (Anschluss von 2- und 4-Draht-Sensoren)
Analog input (current) [mA]	4...20
Operating conditions	
Ambient temperature [°C]	-25...80

# AC2403



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Storage temperature	[°C]	-25...80
Max. relative air humidity	[%]	90; (non condensing)
Max. height above sea level	[m]	2000
Protection		IP 67; (when flat cables are used E7400x / E7401x)

### Tests / approvals

EMC	EN 61000-6-2	
	EN 62026-2	
	EN 50581	
MTTF	[years]	167
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	no
AS-i master profile	M3; M4
AS-i profile	S-7.3.D
AS-i I/O configuration	[hex] 7
AS-i ID code	[hex] 3.D
AS-i certificate	99201

### Mechanical data

Weight	[g]	277
Type of mounting		AS-i flat cable connection
Material		PA; Socket: stainless steel (1.4404 / 316L); threaded inserts in the lower part: stainless steel (1.4404 / 316L); screws in the lower part: stainless steel (1.4578 / 316Cu); Piercing contacts: CuSn6 nickel-plated and tin-plated

### Displays / operating elements

Display	Power	LED, green Voltage AS-i
	errors	LED, red
	Function	LED, yellow Channels AI1, AI2

### Electrical connection

Module connection	Flat cable
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### Accessories

Accessories (optional)	Protective cap: M12, E73004 stainless steel sleeve, for installation in case of high mechanical stress , E70402
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### Remarks

Remarks	The module is exclusively supplied via the yellow AS-i cable.
	When connecting a 2-wire or 3-wire sensor without own supply there has to be an external link between pin 3 and pin 4.
	The inputs (pins 2 and 4) are electrically separated and have no connection to AS-i.
Pack quantity	1 pcs.

# AC2403

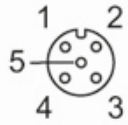


## AS-Interface CompactLine module

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### Electrical connection

Connector: M12; coding: A



1	Sensor supply +24V
2	analog input AI +
3	Sensor supply 0V / analog input AI-
4	analog input AI -
5	functional earth