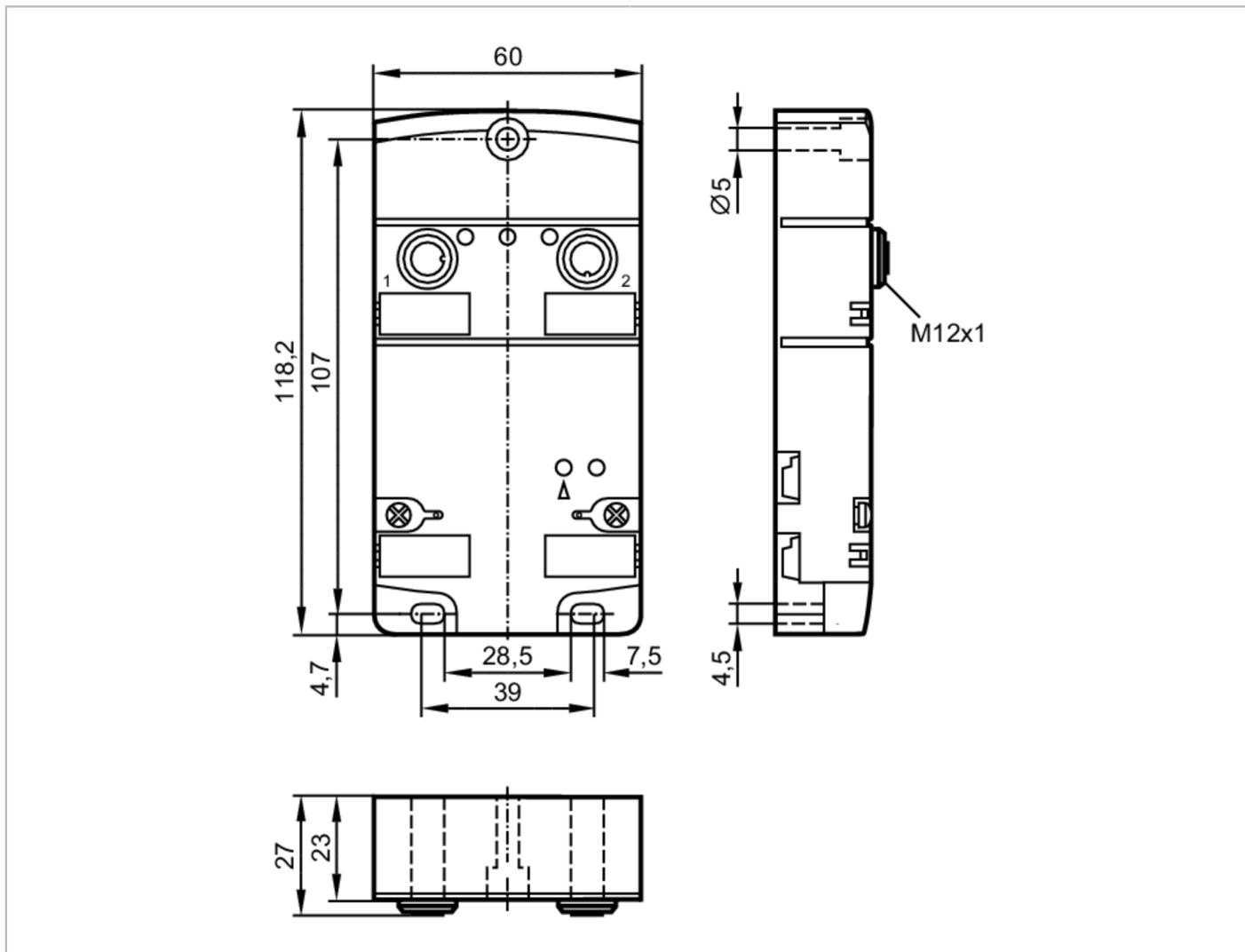


AC2402



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 3-Draht-Sensoren)
Analog input (current) [mA]	4...20
Operating conditions	
Ambient temperature [°C]	-25...80

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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		99101	

Mechanical data

Weight	[g]	275.5	
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

Remarks

Remarks		When the actuators are supplied from AS-i the load must not exceed a maximum of 200 mA. There is an electrical connection between the sensor and AS-i. The module is exclusively supplied via the yellow AS-i cable.
Pack quantity		1 pcs.

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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-
5	functional earth