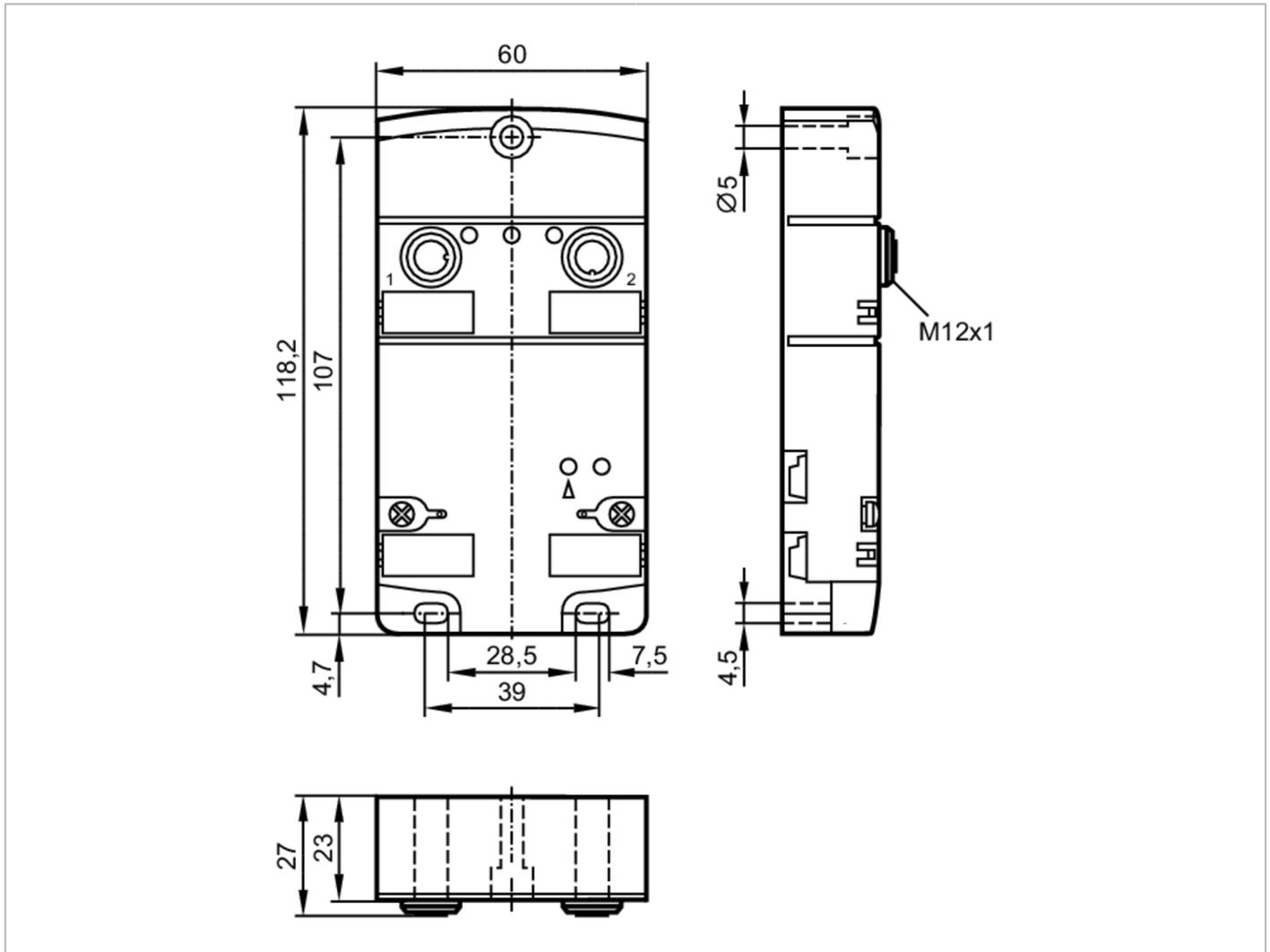


AC2403



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 analogue inputs: 2
Inputs	
Max. total current rating of inputs [mA]	200
Number of analogue inputs	2; (Anschluss von 2- und 4-Draht-Sensoren)
Analogue input (current) [mA]	4...20
Operating conditions	
Ambient temperature [°C]	-25...80

AC2403



AS-Interface CompactLine module

CompactM12 2 AI C V4A

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		power 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	
Housing		rectangular	
Type of mounting		AS-i flat cables directly connectable	
Dimensions	[mm]	118.2 x 60 x 27	
Materials		PA; socket: stainless steel (316L/1.4404); threaded inserts in the lower part: stainless steel (316L/1.4404); screws in the lower part: stainless steel (316Cu/1.4578); piercing contacts: CuSn6 nickel-plated and tin-plated	

Displays / operating elements

Display	operation	LED, green Voltage AS-i	
	errors	LED, red	
	function	LED, yellow channels AI1, AI2	

Electrical connection

Module connection	Flat cables		
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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	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

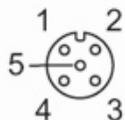


AS-Interface CompactLine module

CompactM12 2 AI C V4A

Electrical connection

Connector: M12; coding: A



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