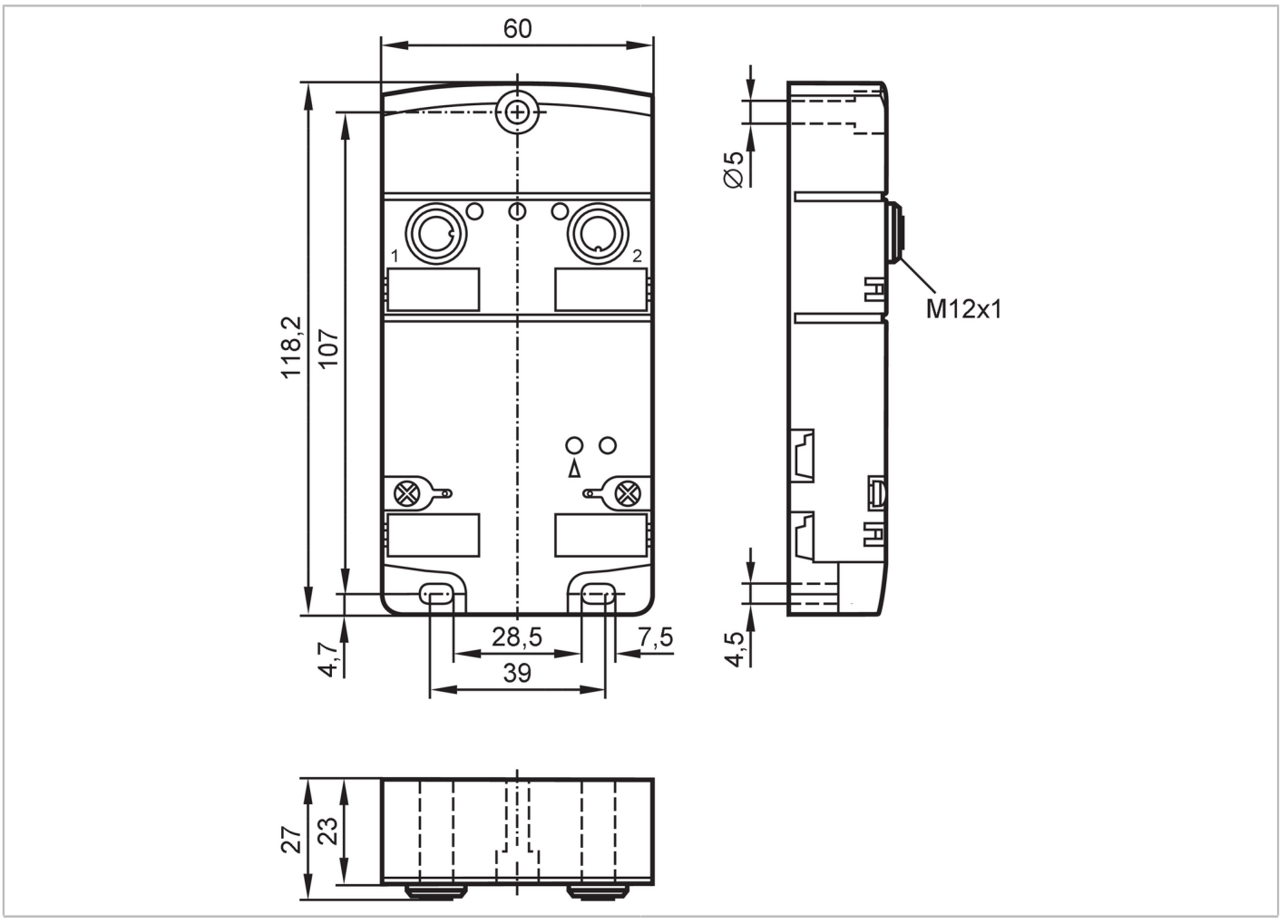
AC2403

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
Storage temperature	[°C]	-25...80

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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	
Housing		rectangular	
Type of mounting		AS-i flat cables directly connectable; backplane mounting	
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	
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.	

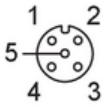
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Electrical connection

Connector: M12; coding: A; Contacts: 5



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