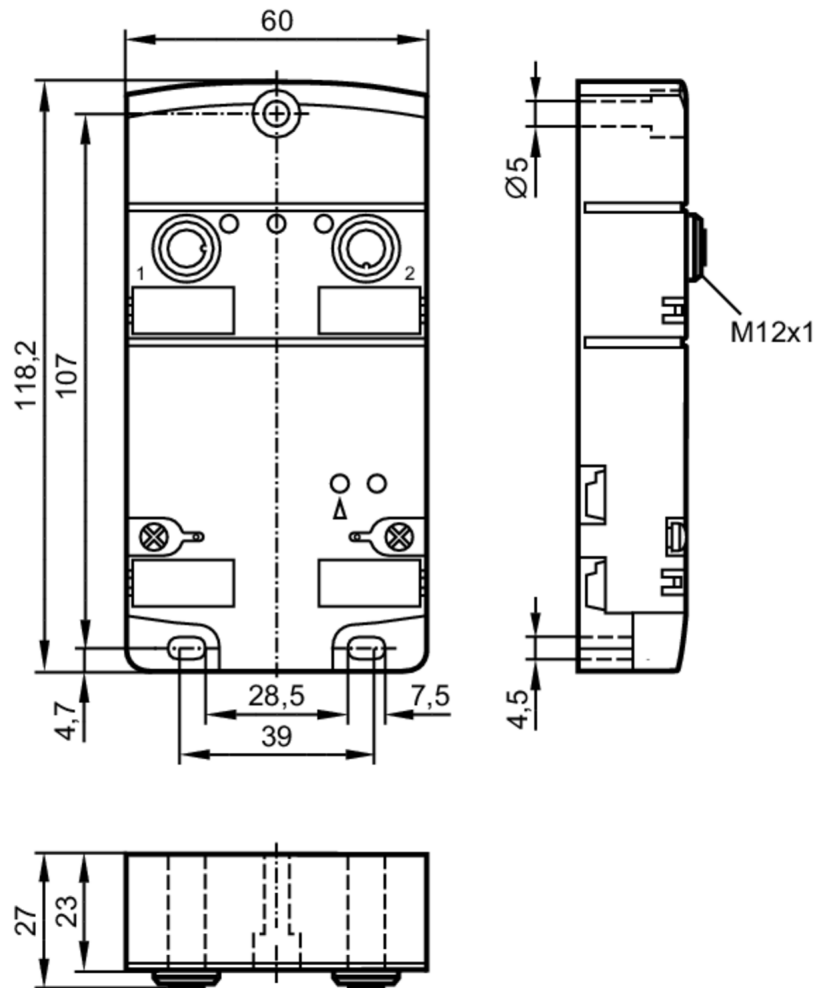


AC2403



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



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; 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.

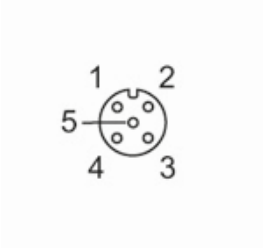


AS-Interface CompactLine module

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