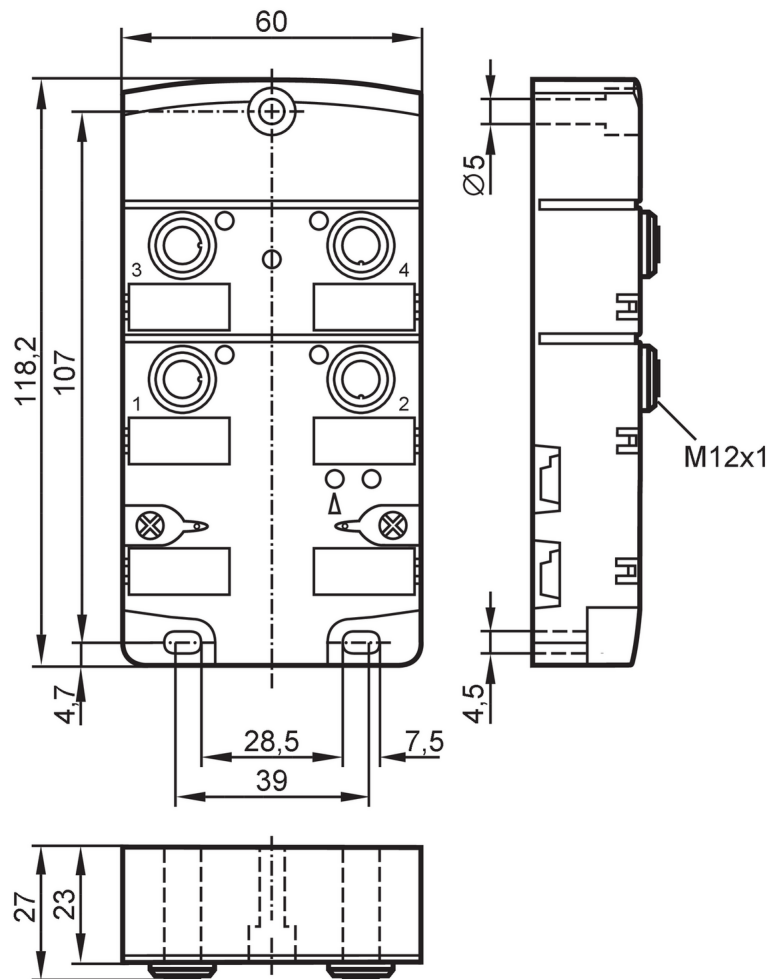


AC2410



AS-Interface CompactLine module

CompactModule 4DI M12



Application

Application	field installation
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Electrical data

Operating voltage [V]	26.5...31.6 DC
Max. current consumption from AS-i [mA]	250

Inputs / outputs

Number of inputs and outputs	Number of digital inputs: 4
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Inputs

Number of digital inputs	4
Input circuit of digital inputs	PNP
Sensor supply of the inputs	AS-i
Voltage supply [V]	20...30; (DC)
Max. total current rating of inputs [mA]	200
Input current limitation [mA]	15
Input current High [mA]	6...10



AS-Interface CompactLine module

CompactModule 4DI M12

Input current low	[mA]	0...2				
Switching level high	[V]	> 11				
Digital inputs protected against short circuits		yes				
Operating conditions						
Ambient temperature	[°C]	-25...80				
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]	382				
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		M2; M3; M4				
AS-i profile		S-0.0.E				
AS-i I/O configuration	[hex]	0				
AS-i ID code	[hex]	0.E				
AS-i certificate		40501				
Data bits		Data bit	D0	D1	D2	D3
		Input	1	2	3	4
		Socket	I-1	I-2	I-3	I-4
		Pin	2+4	2+4	2+4	2+4
Mechanical data						
Weight	[g]	290.5				
Housing		rectangular				
Type of mounting		AS-i flat cable connection; Backplane mounting				
Dimensions	[mm]	118.2 x 60 x 27				
Material		PA; Socket: brass nickel-plated; threaded inserts in the lower part: brass nickel-plated; O-ring: FKM; Piercing contacts: CuSn6 nickel-plated and tin-plated				
Displays / operating elements						
Display		Switching status		LED, yellow I1...I4		
		Power		LED, green AS-i		
		errors		LED, red		
Electrical connection						
Module connection		Flat cable				
Accessories						
Accessories (optional)		stainless steel sleeve, for installation in case of high mechanical stress , E70402				

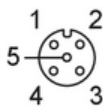
AC2410



AS-Interface CompactLine module

CompactModule 4DI M12

Remarks	
Remarks	Do not connect any of the following points to an external potential: I-, I+, I1, I2, I3, I4 The connections are electrically connected with the AS-i cable.
Pack quantity	1 pcs.

Electrical connection	
Connector: M12; coding: A; Contacts: 5	
	
1	Inputs
2+4	Sensor supply L+
3	Data input 1 internally bridged
5	Sensor supply L-
	functional earth