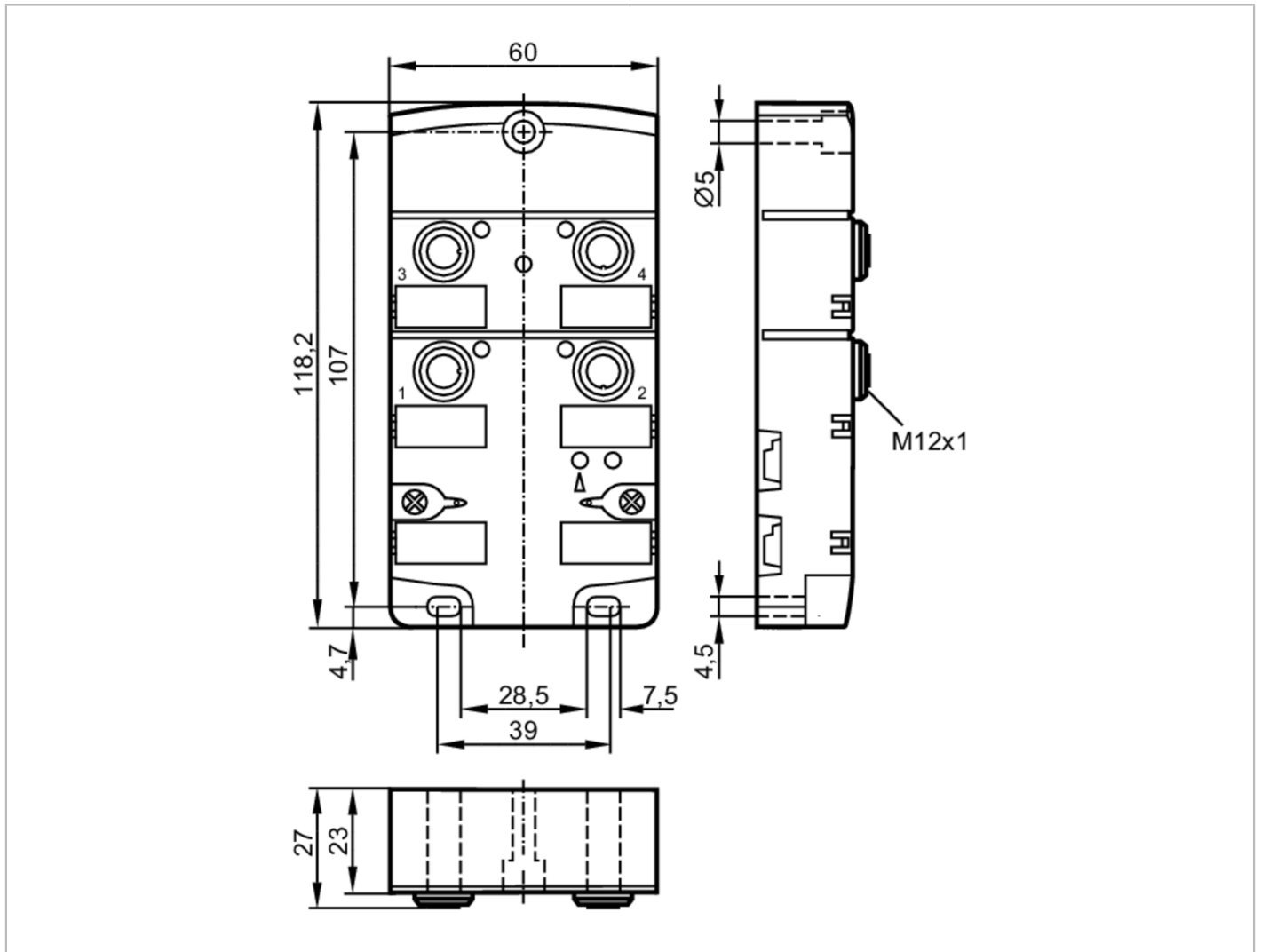


AC2451



AS-Interface CompactLine module

CompactModule 4DI M12 V4A



Application

Application field installation

Electrical data

Operating voltage [V]	26.5...31.6 DC; ("supply class 2" to cULus)
Max. current consumption from AS-i [mA]	250

Inputs / outputs

Number of inputs and outputs	Number of digital inputs: 4
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AS-Interface CompactLine module

CompactModule 4DI M12 V4A

Inputs					
Number of digital inputs	4				
Input circuit of digital inputs	PNP				
Sensor supply of the inputs	AS-i				
Voltage supply [V]	20...30				
Max. total current rating of inputs [mA]	200				
Input current limitation [mA]	15				
Input current High [mA]	6...10				
Input current Low [mA]	0...2				
Min. switching level high signal [V]	11				
Digital inputs protected against short circuits	yes				
Operating conditions					
Ambient temperature [°C]	-25...80				
Protection	IP 67; (when flat cables are used E7400x / E7401x)				
Tests / approvals					
EMC	EN 50295				
MTTF [years]	382				
UL approval	Enclosure type Type 1				
AS-i classification					
AS-i version	2.11; 3.0				
AS-i addressing	IR addressing possible				
Extended addressing mode	no				
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				
Assignment of the 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]	292				
Type of mounting	AS-i flat cables directly connectable				
Materials	PA; socket: stainless steel (1.4404 / 316L); threaded inserts in the lower part: stainless steel (1.4404 / 316L); screws: stainless steel (1.4578 / 316Cu); piercing contacts: CuSn6 nickel-plated and tin-plated; O-ring EPDM				
Displays / operating elements					
Display	operation	LED, green			
	errors	LED, red			
	function	LED, yellow			
Accessories					
Accessories (optional)	Stainless steel sleeve, for installation in case of high mechanical stress , E70402				

AC2451



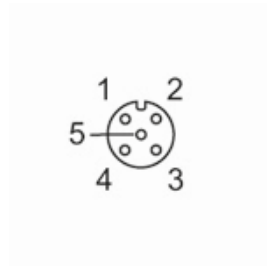
AS-Interface CompactLine module

CompactModule 4DI M12 V4A

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

Electrical connection

Connector: M12



	Inputs
1	Sensor supply L+
2+4	data input 1 internally bridged
3	Sensor supply L-
5	functional earth