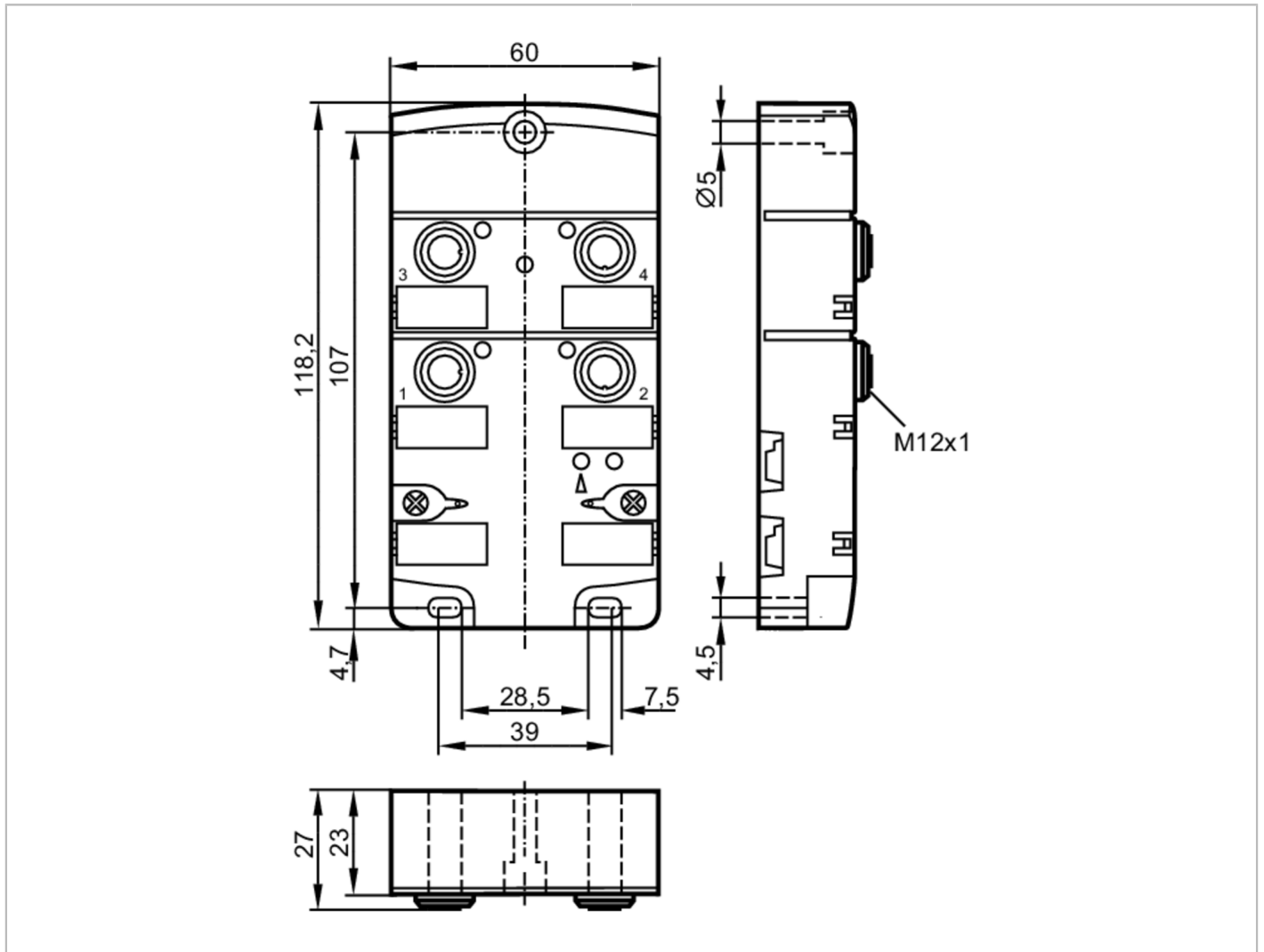


AC2486



AS-Interface CompactLine module

CompactM12 4 DI-Y V4A A/B



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



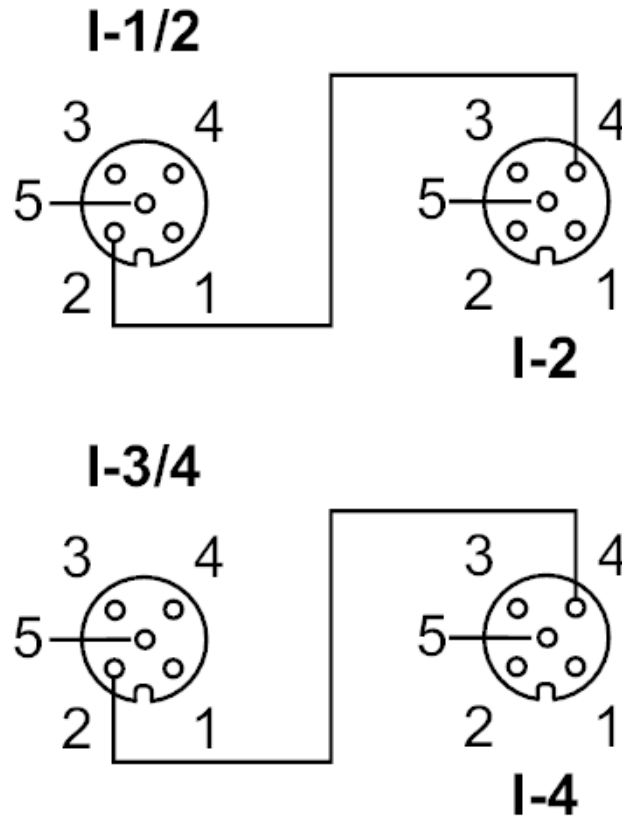
AS-Interface CompactLine module

CompactM12 4 DI-Y V4A A/B

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]	383																				
AS-i classification																					
AS-i version	2.11; 3.0																				
AS-i addressing	IR addressing possible																				
Extended addressing mode	yes																				
AS-i profile	S-0.A.E																				
AS-i I/O configuration [hex]	0																				
AS-i ID code [hex]	A.E																				
AS-i certificate	126701																				
Assignment of the data bits	<table border="1"> <thead> <tr> <th>data bit</th> <th>D0</th> <th>D1</th> <th>D2</th> <th>D3</th> </tr> </thead> <tbody> <tr> <td>input</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> </tr> <tr> <td>socket</td> <td>I-1/2</td> <td>I-1/2 I-2</td> <td>I-3/4</td> <td>I-3/4 I-4</td> </tr> <tr> <td>pin</td> <td>4</td> <td>2 4</td> <td>4</td> <td>2 4</td> </tr> </tbody> </table>	data bit	D0	D1	D2	D3	input	1	2	3	4	socket	I-1/2	I-1/2 I-2	I-3/4	I-3/4 I-4	pin	4	2 4	4	2 4
	data bit	D0	D1	D2	D3																
	input	1	2	3	4																
	socket	I-1/2	I-1/2 I-2	I-3/4	I-3/4 I-4																
pin	4	2 4	4	2 4																	
Mechanical data																					
Weight [g]	285.5																				
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); O-ring: EPDM; screws: stainless steel (1.4578 / 316Cu); piercing contacts: CuSn6 nickel-plated and tin-plated																				
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																				
Remarks																					
Pack quantity	1 pcs.																				

Electrical connection

Connection



Connector: M12

Inputs	
1	Sensor supply +
2	data input
3	Sensor supply -
4	data input
5	functional earth (FE)