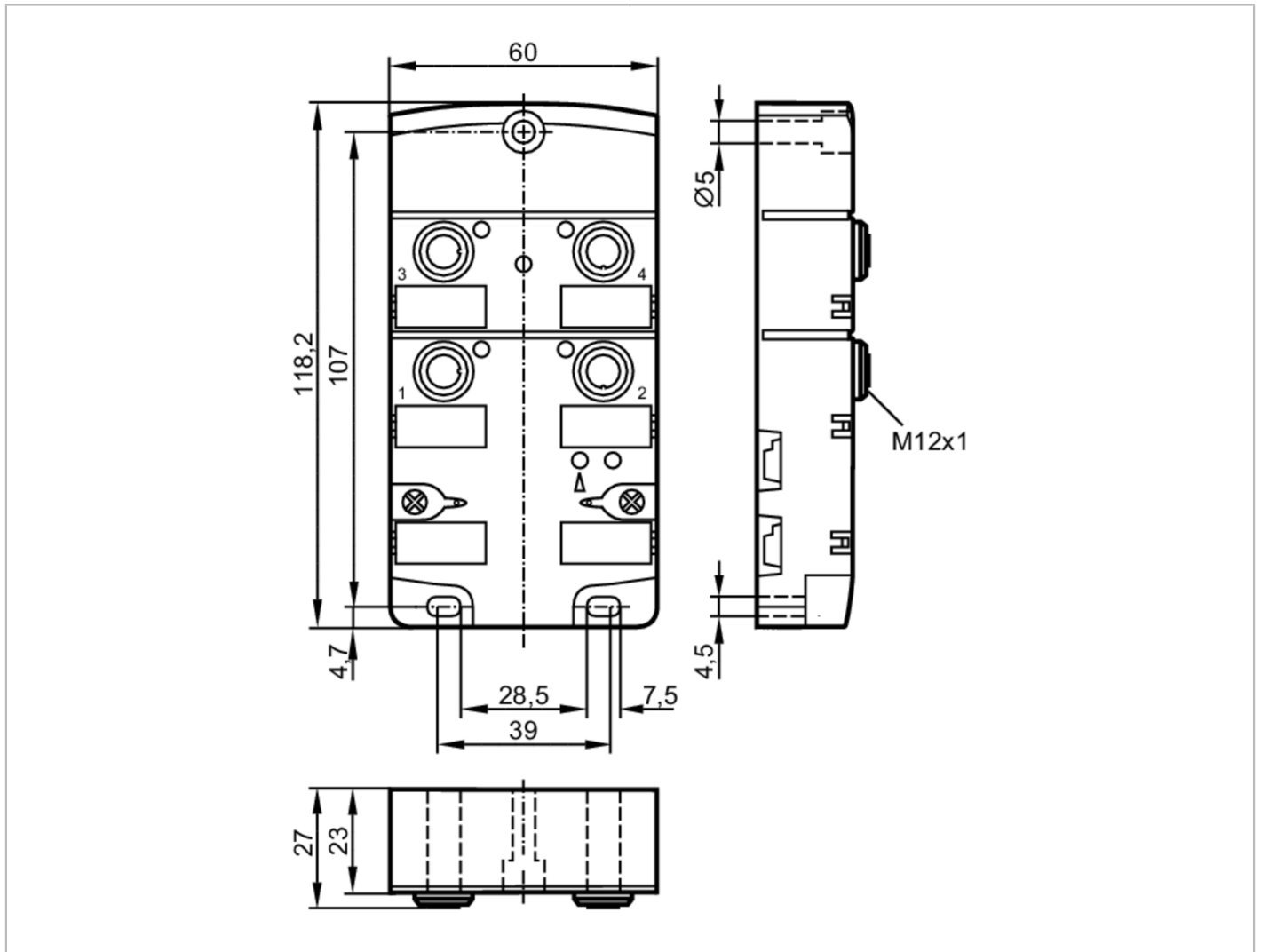


AC2457



AS-Interface CompactLine module

CompactLM12 4DI-Y M12 IP67



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

CompactLM12 4DI-Y M12 IP67

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				
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	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	40301				
Assignment of the data bits	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]	289.5				
Type of mounting	AS-i flat cables directly connectable				
Materials	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	operation	LED, green			
	errors	LED, red			
	function	LED, yellow			
Accessories					
Accessories (optional)	Stainless steel sleeve, for installation in case of high mechanical stress , E70402				



AS-Interface CompactLine module

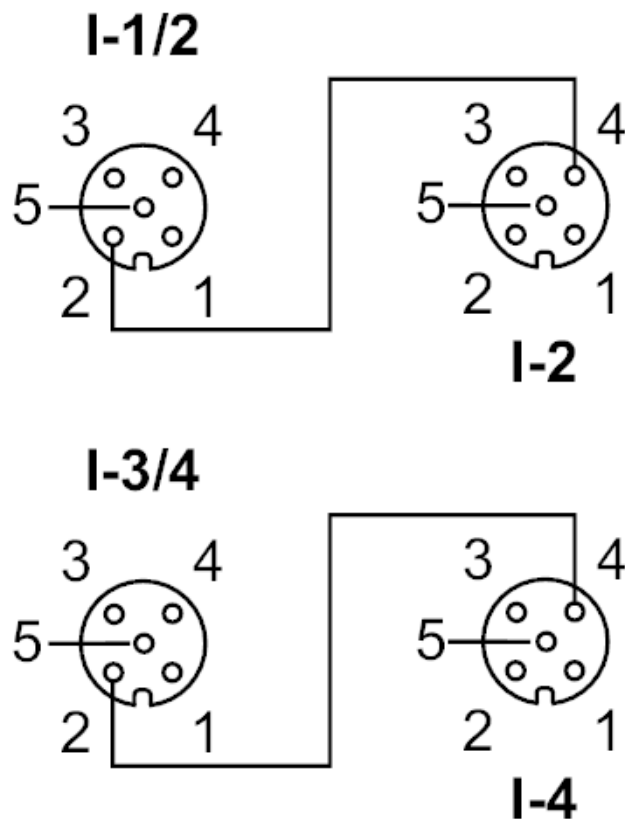
CompactLM12 4DI-Y M12 IP67

Remarks

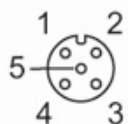
Pack quantity: 1 pcs.

Electrical connection

Connection



Connector: 4 x M12



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