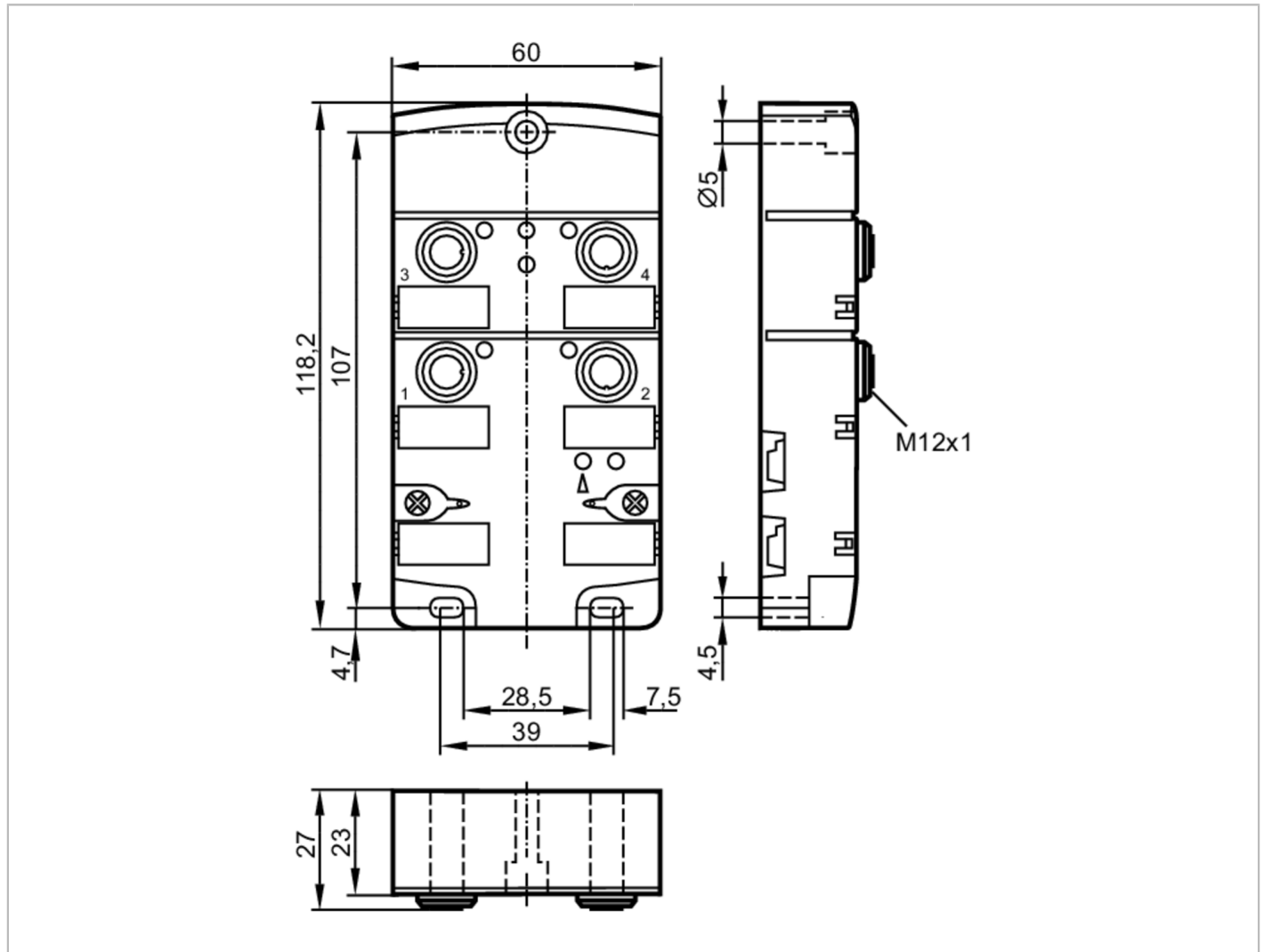


AC2458



AS-Interface CompactLine module

CompactLM12 2DI-Y 2DO T



Electrical data	
Operating voltage	[V] 26.5...31.6 DC; ("supply class 2" to cULus)
Max. current consumption from AS-i	[mA] 250
Max. current load total	[A] 4
Additional voltage supply	[V] 10...30 DC; (AUX)
Integrated watchdog	yes
Inputs / outputs	
Number of inputs and outputs	Number of digital inputs: 2; Number of digital outputs: 2



AS-Interface CompactLine module

CompactLM12 2DI-Y 2DO T

Inputs	
Number of digital inputs	2
Input circuit of digital inputs	PNP
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
Sensor supply of the inputs	AS-i

Outputs	
Number of digital outputs	2
Beschaltung	PNP
Voltage range DC	10...30; (to PELV)
Max. current load per output [mA]	2000; (utilisation category DC-13 (control of electromagnets): 20 W (IEC 60947-5-1))
Short-circuit proof	yes
Electrically separated	yes

Operating conditions	
Ambient temperature [°C]	-25...80
Protection	IP 67; ("enclosure type 1" according to cULus; when flat cables are used E7400x / E7401x)

Tests / approvals	
EMC	EN 50295

AS-i classification					
AS-i version	2.11 + 3.0				
AS-i addressing	IR addressing possible				
Extended addressing mode possible	no				
AS-i profile	S-3.F.E				
AS-i I/O configuration [hex]	3				
AS-i ID code [hex]	F.E				
AS-i certificate	39501				
Assignment of the data bits	data bit	D0	D1	D2	D3
	input	1	2	-	-
	socket	I-1/2	I-1/2 / I-2	-	-
	pin	4	2 / 4	-	-
	Output	-	-	3	4
	socket	-	-	O-3	O-4
	pin	-	-	4	4

AC2458



AS-Interface CompactLine module

CompactLM12 2DI-Y 2DO T

Mechanical data

Weight	[g]	290.5
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
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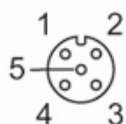
Remarks

Remarks	Inputs and outputs must be electrically isolated.
Pack quantity	1 pcs.

Electrical connection - Outputs

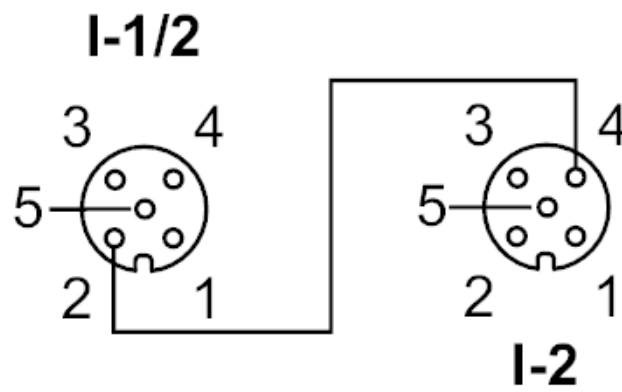
	Outputs
3	external voltage AUX -
4	switching output
5	functional earth (FE)
1, 2	not used

Connector: M12



Electrical connection - Inputs

Connection



Inputs

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

Connector: M12