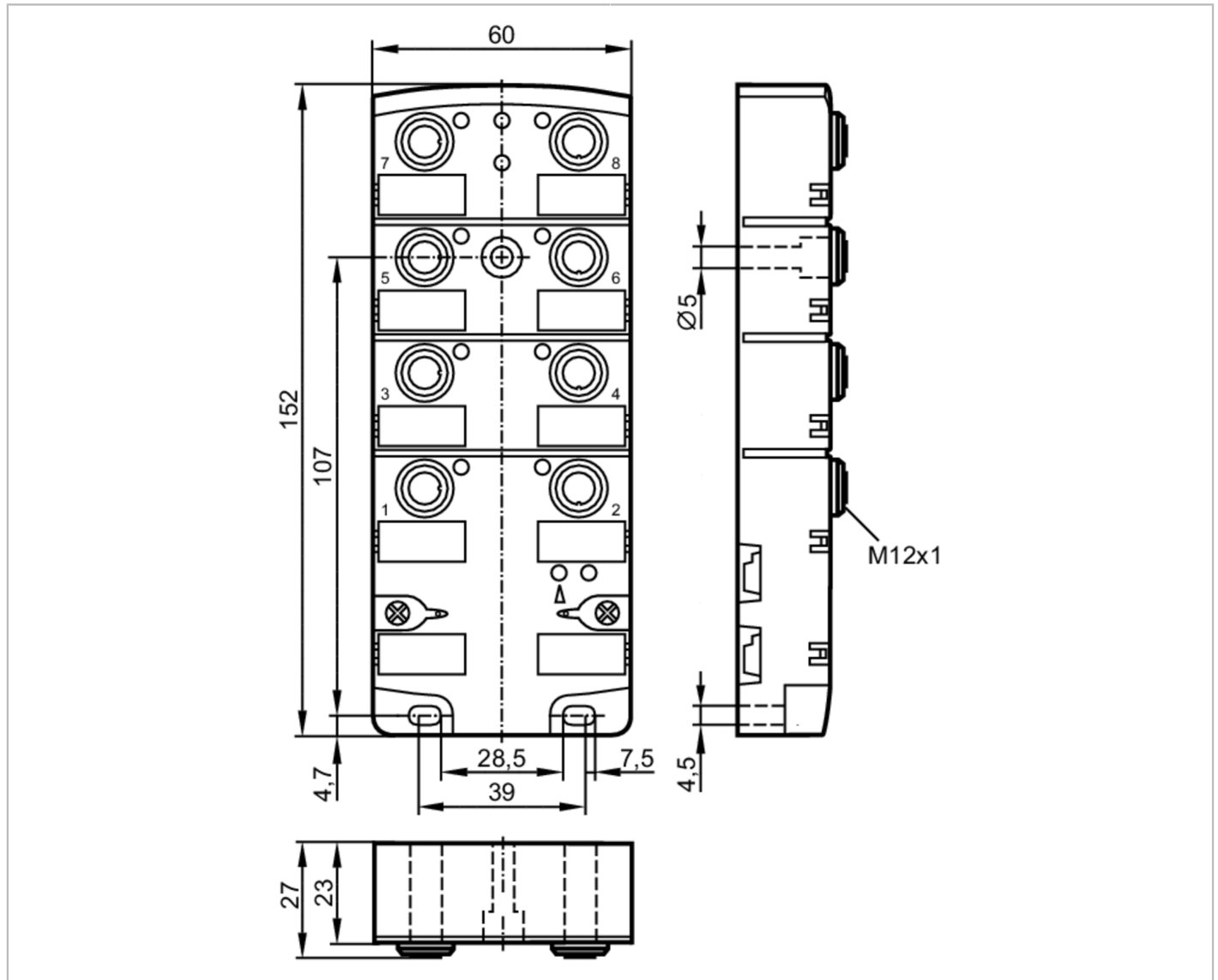


AC2479



AS-Interface CompactLine module

CompactM12 4 DI-Y 4DO no IR



Electrical data	
Operating voltage	[V] 26.5...31.6 DC
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: 4; Number of digital outputs: 4



AS-Interface CompactLine module

CompactM12 4 DI-Y 4DO no IR

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	
Outputs					
Electrical design				AS-i	
Number of digital outputs				4	
Circuit				PNP	
Voltage range DC	[V]			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	
Tests / approvals					
EMC				EN 62026-2	
AS-i classification					
AS-i version				2.11 + 3.0	
Extended addressing mode possible				no	
AS-i profile				S-7.F.E	
AS-i I/O configuration	[hex]			7	
AS-i ID code	[hex]			F.E	
AS-i certificate pending				yes	
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
	Output	1	2	3	4
	socket	O-1	O-2	O-3	O-4
	pin	4	4	4	4

AC2479



AS-Interface CompactLine module

CompactM12 4 DI-Y 4DO no IR

Mechanical data

Weight [g]	372.4
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

Pack quantity	1 pcs.
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Electrical connection

Connection

	Inputs
1	Sensor supply +
2	data input
3	Sensor supply -
4	data input
5	functional earth (FE)
	Outputs
3	external voltage AUX -
4	switching output
5	functional earth (FE)
1, 2	not used

Connector: M12

