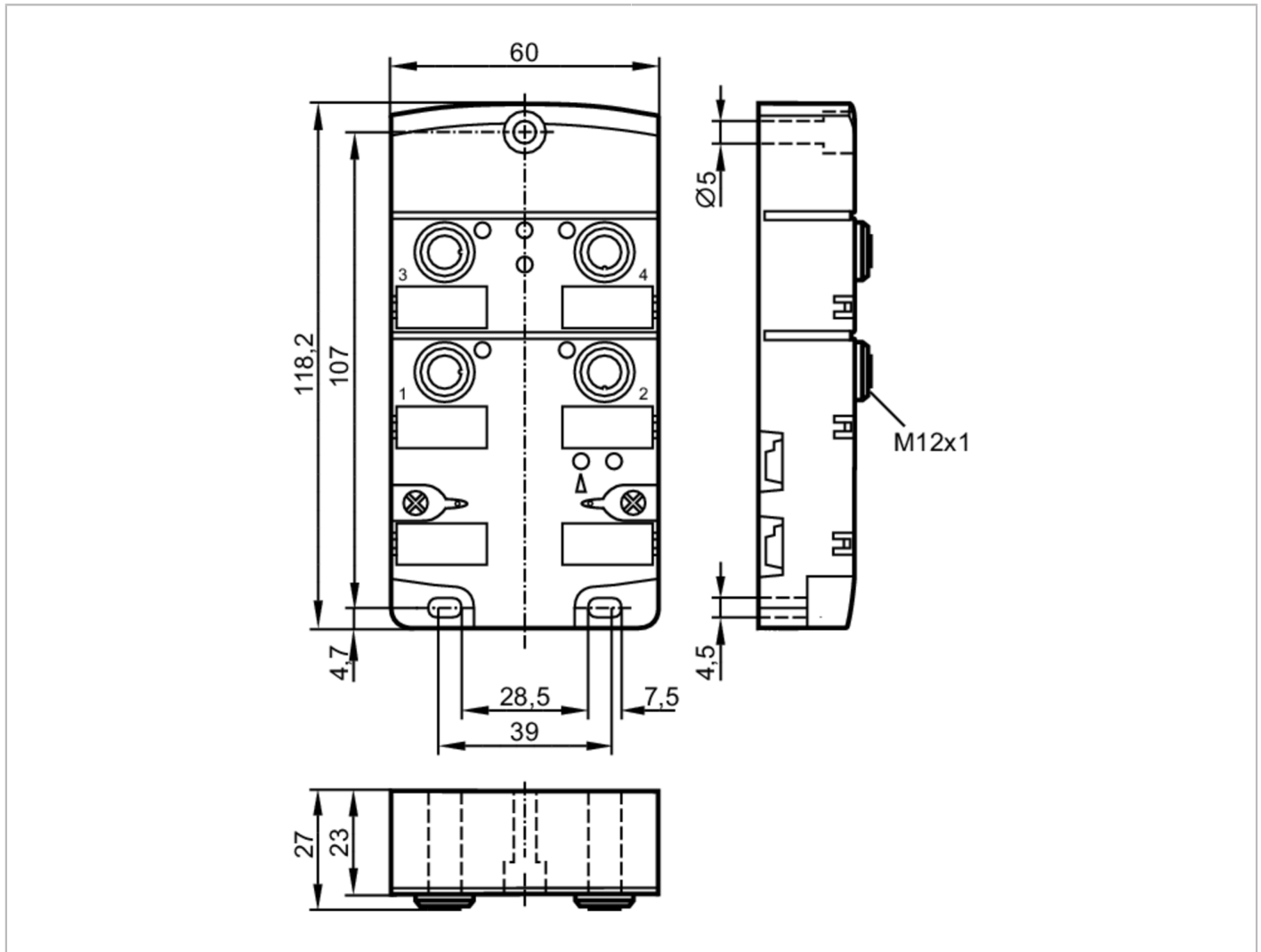


# AC2411



## AS-Interface CompactLine module

CompactModule 2DI 2DO T M12



Application	
Application	field installation
Electrical data	
Operating voltage [V]	26.5...31.6 DC; (cULus - Class 2 source required)
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

# AC2411



## AS-Interface CompactLine module

CompactModule 2DI 2DO T M12

Inputs					
Number of digital inputs				2	
Input circuit of digital inputs				PNP	
Sensor supply of the inputs				AS-i	
Voltage supply	[V]			20...30; (DC)	
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					
Number of digital outputs				2	
Circuit				PNP	
Voltage range DC	[V]			10...30; (AUX)	
Max. current load per output	[mA]			2000; (utilization category DC-13 (control of electromagnets): 20 W (IEC 60947-5-1))	
Short-circuit proof				yes	
Electrically separated				yes	
Actuator supply outputs				AUX	
Operating conditions					
Ambient temperature	[°C]			-25...80	
Protection				IP 67; (when flat cables are used E7400x / E7401x)	
Tests / approvals					
EMC				EN 50295	
MTTF	[years]			251	
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-3.0.E	
AS-i I/O configuration	[hex]			3	
AS-i ID code	[hex]			0.E	
AS-i certificate				40201	
Data bits	Data bit	D0	D1	D2	D3
	Input	1	2	-	-
	Socket	I-1	I-2	-	-
	Pin	2+4	2+4	-	-
	Output	-	-	3	4
	Socket	-	-	O-3	O-4
	Pin	-	-	4	4

# AC2411



## AS-Interface CompactLine module

CompactModule 2DI 2DO T M12

### Mechanical data

Weight [g]	295
Type of mounting	AS-i flat cable connection
Dimensions [mm]	118.2 x 60 x 27
Material	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	Power	LED, green
	errors	LED, red
	Function	LED, yellow

### Accessories

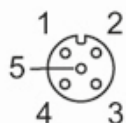
Accessories (optional)	stainless steel sleeve, for installation in case of high mechanical stress , E70402
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### Remarks

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

### Electrical connection - Inputs

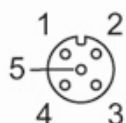
Connector: M12



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

### Electrical connection - Outputs

Connector: M12



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