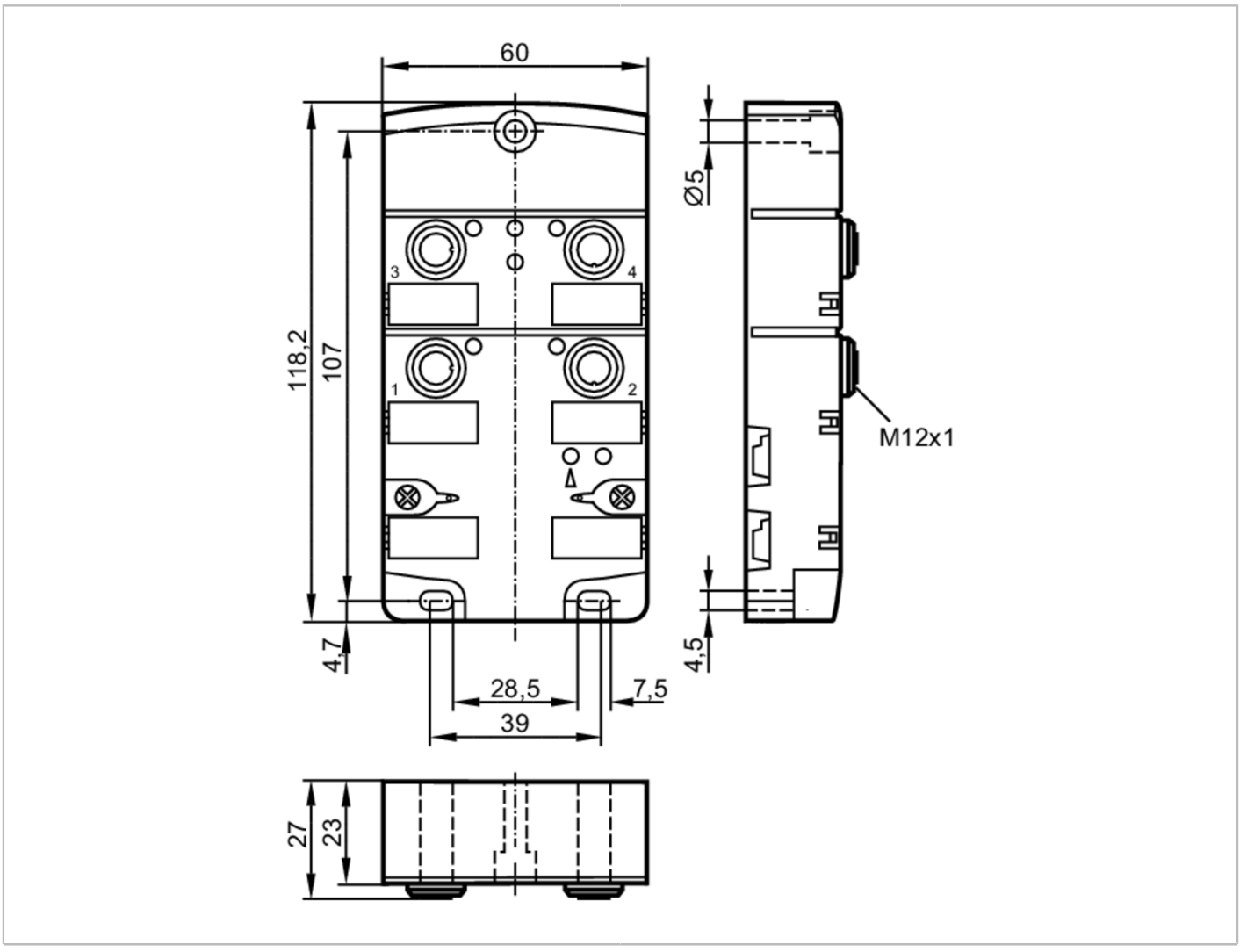
AC2417

AS-Interface CompactLine module

CompactModule 4DO T M12



Application		
Application		field installation
Electrical data		
Operating voltage	[V]	26.5...31.6 DC
Max. current consumption from AS-i	[mA]	75
Max. current load total	[A]	4
Additional voltage supply	[V]	15...30 DC; (AUX)
Max. current consumption from additional supply	[mA]	4000; (AUX)
Integrated watchdog		yes
Inputs / outputs		
Number of inputs and outputs		Number of digital outputs: 4
Outputs		
Number of digital outputs		4
Circuit		PNP

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Voltage range DC	[V]	15...30; (AUX)				
Max. current load per output	[mA]	2000; (utilisation category DC-13 (control of electromagnets): 20 W (IEC 60947-5-1))				
Max. current load outputs total	[A]	4				
Short-circuit proof		yes				
Electrically separated		yes				
Actuator supply outputs		AUX				
Operating conditions						
Ambient temperature	[°C]	-25...80				
Storage temperature	[°C]	-25...80				
Max. relative air humidity	[%]	90; (non condensing)				
Max. height above sea level	[m]	2000				
Protection		IP 67; (when flat cables are used E7400x / E7401x)				
Tests / approvals						
EMC		EN 61000-6-2				
		EN 62026-2				
		EN 50581				
MTTF	[years]	300				
UL approval		power supply	Class 2			
AS-i classification						
AS-i version		2.11; 3.0				
AS-i addressing		IR addressing possible				
Extended addressing mode		no				
AS-i master profile		M2; M3; M4				
AS-i profile		S-8.0.F				
AS-i I/O configuration	[hex]	8				
AS-i ID code	[hex]	0.F				
AS-i certificate		92201				
Assignment of the data bits		data bit	D0	D1	D2	D3
		Output	1	2	3	4
		socket	O-1	O-2	O-3	O-4
		pin	4	4	4	4
Mechanical data						
Weight	[g]	292.5				
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		switching status	LED, yellow O1...O4			
		operation	LED, green AS-i, AUX			
		errors	LED, red			
Electrical connection						
Module connection		Flat cables				
Accessories						
Accessories (optional)		Stainless steel sleeve, for installation in case of high mechanical stress , E70402				

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Remarks

Pack quantity	1 pcs.

Electrical connection

Connector: M12; coding: A

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