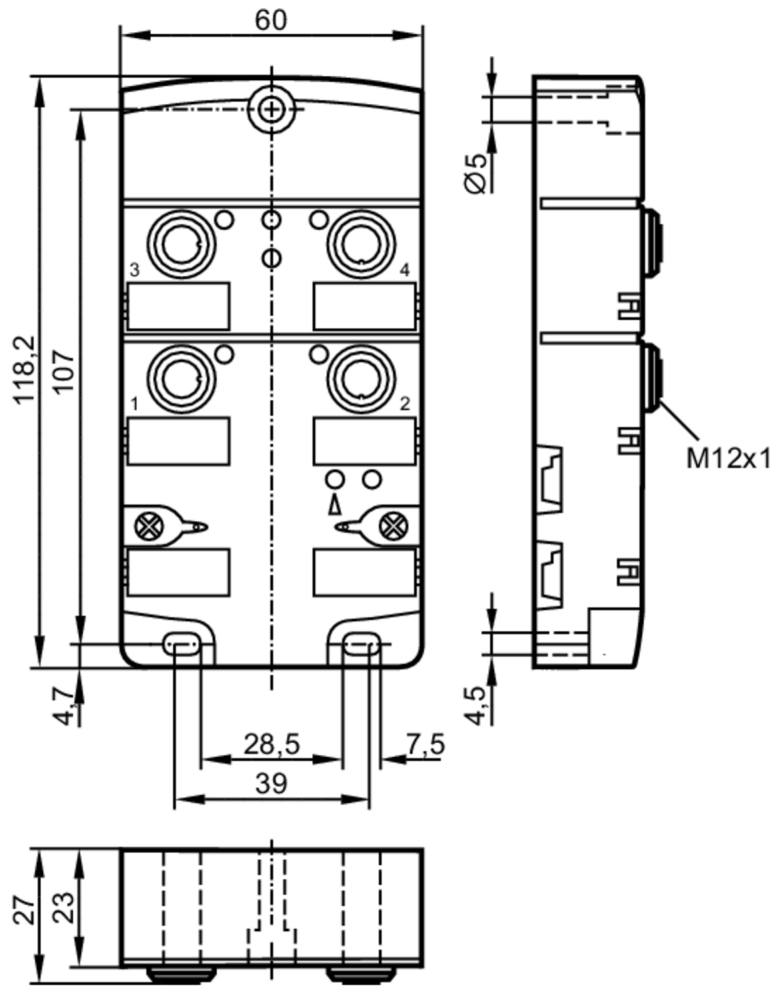


AC2417



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



AS-Interface CompactLine module

CompactModule 4DO T M12

Voltage range DC	[V]	15...30; (AUX)
Max. current load per output	[mA]	2000; (utilization 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		voltage 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				
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
Housing		rectangular
Type of mounting		AS-i flat cable connection; Backplane mounting
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	Switching status	LED, yellow O1...O4
	Power	LED, green AS-i, AUX
	errors	LED, red

Electrical connection

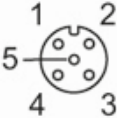
Module connection	Flat cable
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AC2417



AS-Interface CompactLine module

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Accessories	
Accessories (optional)	stainless steel sleeve, for installation in case of high mechanical stress , E70402
Remarks	
Pack quantity	1 pcs.
Electrical connection	
Connector: M12; coding: A	
	
3	Outputs
4	External voltage AUX -
5	Switching output
1, 2	functional earth (FE)
	not used