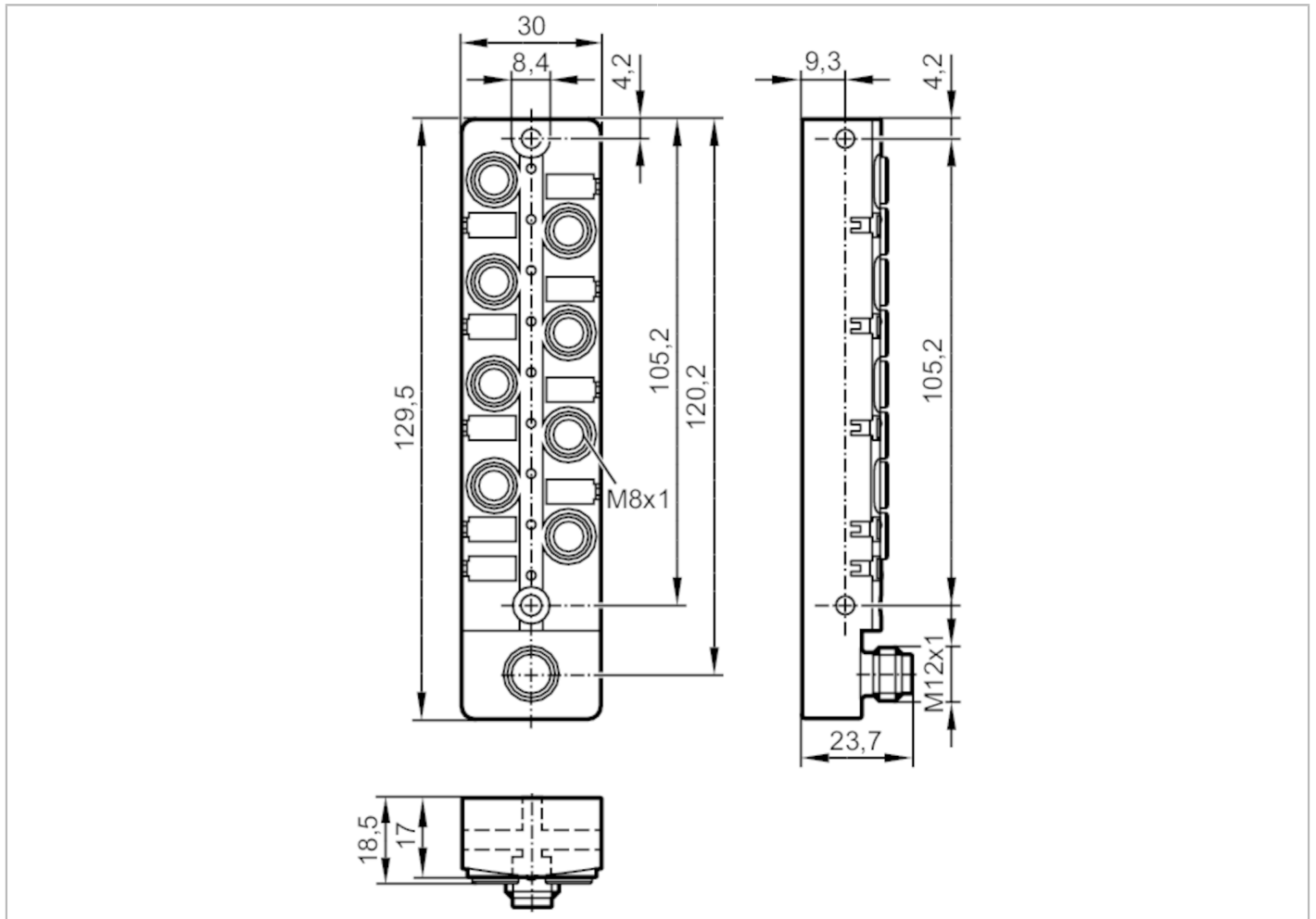


AL2411



IO-Link CompactLine module

IO-Link module 8 DI M8 IP 67



Electrical data

Operating voltage	[V]	18...30 DC; ("supply class 2" to cULus)
Current consumption	[mA]	50
Sensor supply US		
Current rating per port	[A]	0.1

Inputs / outputs

Number of inputs and outputs	Number of digital inputs: 8
------------------------------	-----------------------------

Inputs

Number of digital inputs	8; (4 x 2)	
Input circuit of digital inputs	PNP	
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

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Interfaces		
Communication interface	IO-Link	
IO-Link Device		
Transmission type	COM2 (38,4 kBaud)	
IO-Link revision	1.1	
SDCI standard	IEC 61131-9	
IO-Link device ID	0x000316	
SIO mode	no	
Process data binary	32	
Min. process cycle time [ms]	2.9	
Operating conditions		
Ambient temperature [°C]	-25...70	
Storage temperature [°C]	-25...85	
Max. relative air humidity [%]	90; (non condensing)	
Protection	IP 67	
Tests / approvals		
EMC	EN 61000-6-2	
	EN 61000-6-3	
	IEC 61131-9	
Mechanical data		
Weight [g]	144.5	
Materials	PBT; socket: brass nickel-plated; O-ring: FKM	
Displays / operating elements		
Display	operation	LED, green
	errors	LED, red
	function	LED, yellow
Accessories		
Accessories (supplied)	panel for labelling Protective caps: 2	
Accessories (optional)	Protective cap: M8, E73005	
Remarks		
Remarks	For use in NFPA 79 applications only	
	The device is to be operated to IO-Link specification V1.1.2.	
	The maximum cable length of the IO-Link cable is 20 m.	
Pack quantity	1 pcs.	
Electrical connection - IO-Link		
	IO-Link	
1	L +	
2	not used	
3	L -	
4	C/Q / IO-Link	
Connector: M12		

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Electrical connection - Process connection

	Inputs X1.0...X1.7
1	Sensor supply +24 V
3	Sensor supply -
4	data input

Connector: M8

