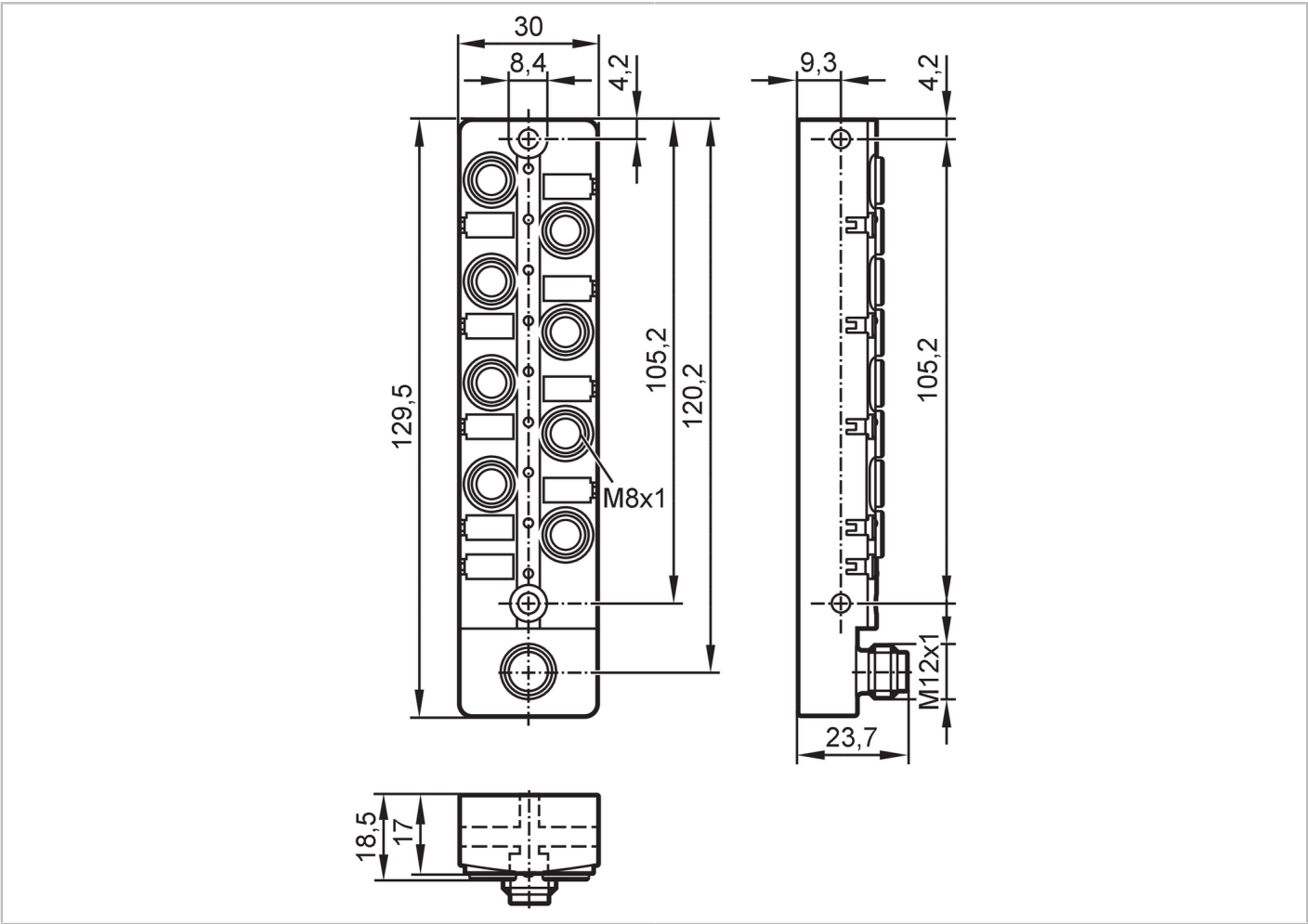


AL2411



IO-Link CompactLine module

IO-Link module 8 DI M8 IP 67



Electrical data

Operating voltage	[V]	18...30 DC; (cULus - Class 2 source required)
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
Switching level high [V]	> 11
Digital inputs protected against short circuits	yes



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Interfaces		
Communication interface	IO-Link	
Supported DeviceIDs	Type of operation	DeviceID
	IO-Link Device	790
IO-Link Device		
Transmission type	COM2 (38,4 kBaud)	
IO-Link revision	1.1	
SDCI standard	IEC 61131-9	
Profiles	Smart Sensor - SSP 0	Generic Profiled Sensor
	Function	Device identification
	Function	Process data variable
	Function	Device diagnosis
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	
Protection rating (NEMA 250)	6P	
Chemical media	ISO 16750-5	AA, BA, BD, HLP, CC, DB, DC, DD, CA
	NEMA 250 5.13.1	AA
Tests / approvals		
EMC	EN 61000-6-2	
	EN 61000-6-3	
	IEC 61131-9	
MTTF [years]	216	
Mechanical data		
Weight [g]	144.5	
Housing	rectangular	
Type of mounting	Backplane mounting	
Dimensions [mm]	129.5 x 30 x 23.7	
Material	housing: PBT; Socket: brass nickel-plated; O-ring: FKM	
Sealing material	FKM	
Displays / operating elements		
Display	Power	LED, green
	errors	LED, red
	Function	LED, yellow
Accessories		
Items supplied	panel for labelling	
	Protective caps: 2	
Accessories (optional)	Protective cap: M8, E73005	

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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

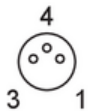
Connector: M12; coding: A; Contacts: 4



	IO-Link
1	L +
2	not used
3	L -
4	C/Q / IO-Link

Electrical connection - Process connection

Connector: M8; coding: A; Contacts: 3; sealing: FKM



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