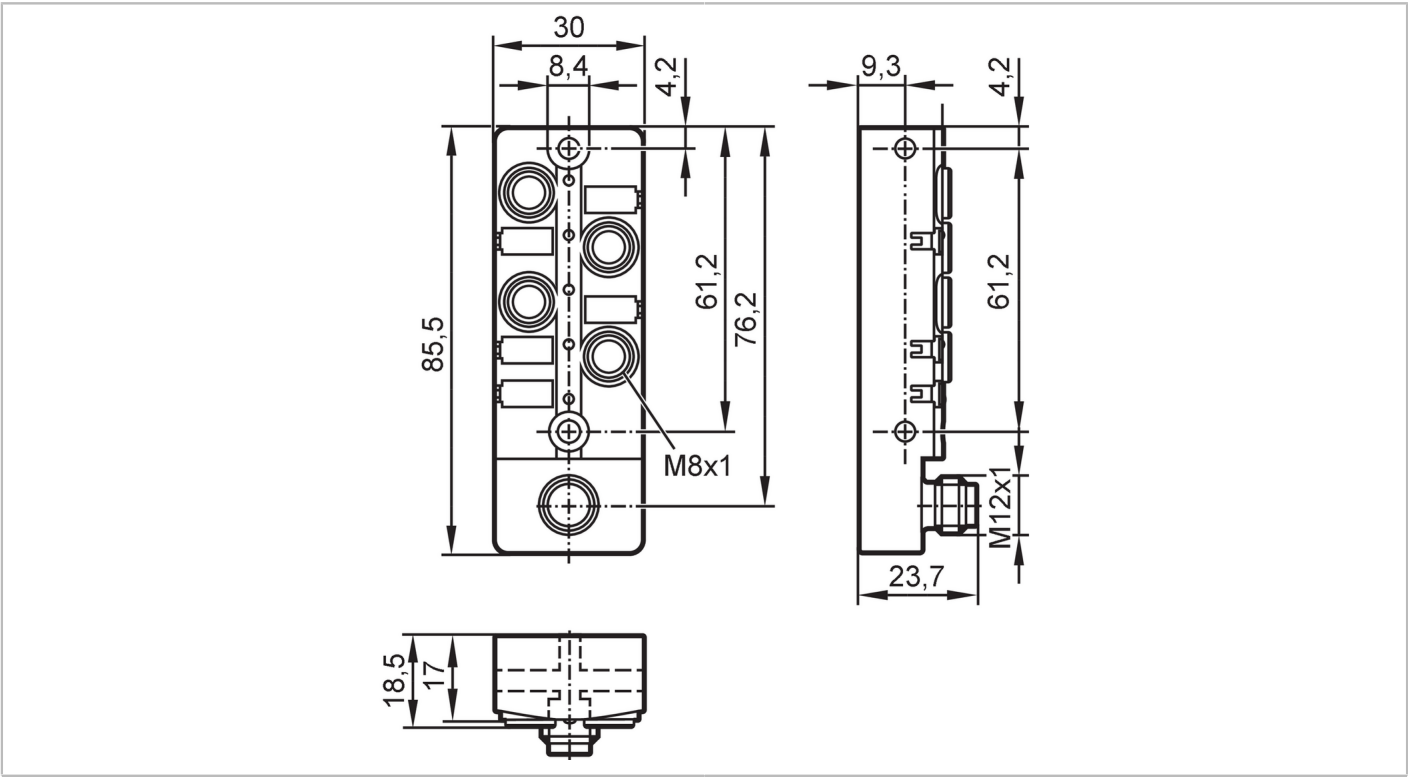


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IO-Link CompactLine module

IO-Link module 4 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: 4	
Inputs		
Number of digital inputs	4	
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	
Interfaces		
Communication interface	IO-Link	
Supported DeviceIDs	Type of operation	DeviceID
	IO-Link Device	789
IO-Link Device		
Transmission type	COM2 (38,4 kBaud)	
IO-Link revision	1.1	

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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]	306		
Mechanical data			
Weight [g]	103.7		
Housing	rectangular		
Type of mounting	Backplane mounting		
Dimensions [mm]	85.5 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		
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.		

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Electrical connection - IO-Link

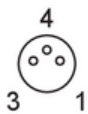
Connector: 1 x M12; coding: A; Contacts: 4



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

Electrical connection - Inputs

Connector: 4 x M8; coding: A; Contacts: 3; sealing: FKM



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