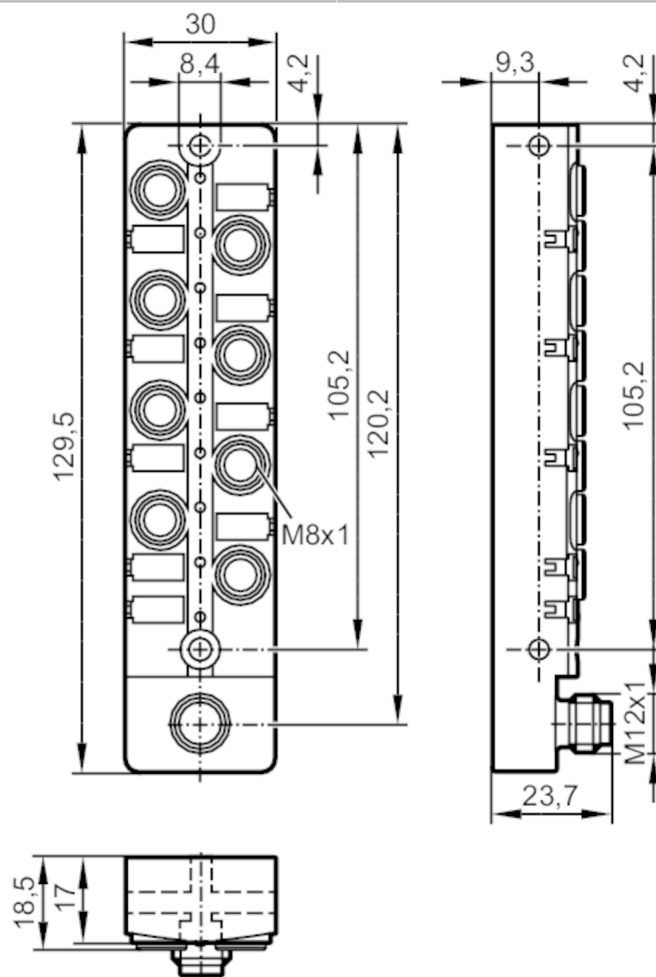




IO-Link CompactLine module

IO-Link module 8 DI M8 IP 67



Electrical data

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

Current rating per port	[A]	0.1
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Inputs / outputs

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

Number of digital inputs	8; (4 x 2)
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Input circuit of digital inputs	PNP
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Input current limitation	[mA]	15
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Input current High	[mA]	6...10
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Input current Low	[mA]	0...2
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Switching level high	[V]	> 11
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Digital inputs protected against short circuits	yes
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IO-Link CompactLine module

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Interfaces		
Communication interface	IO-Link	
Supported DeviceIDs	Type of operation	DeviceID
	default	790
IO-Link Device		
Transmission type	COM2 (38,4 kBaud)	
IO-Link revision	1.1	
SDCI standard	IEC 61131-9	
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	
Mechanical data		
Weight	[g]	144.5
Materials	PBT; socket: brass nickel-plated; O-ring: FKM	
Sealing material	FKM	
Displays / operating elements		
Display	operation	LED, green
	errors	LED, red
	function	LED, yellow
Accessories		
Items supplied	panel for labelling	
Accessories (optional)	Protective caps: 2	
	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.	



IO-Link CompactLine module

IO-Link module 8 DI M8 IP 67

Electrical connection - IO-Link

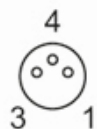
Connector: M12; coding: A



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

Electrical connection - Process connection

Connector: M8; coding: A; Sealing: FKM



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