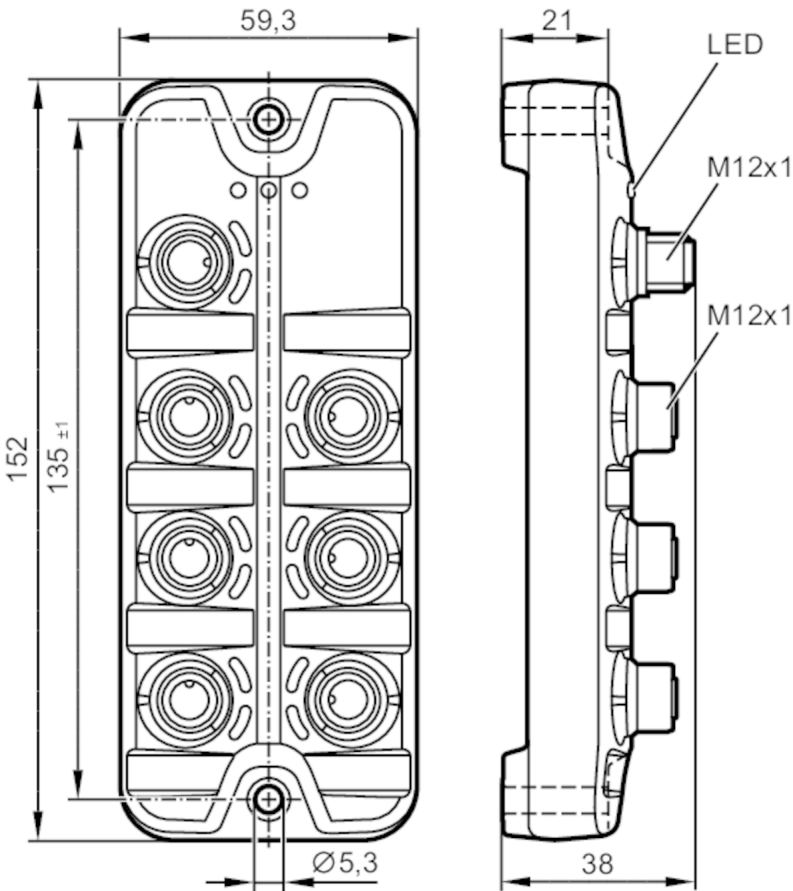


AL2240



IO-Link input module

IO-Link Module 6x2 DI M12 IP69K



IO-Link



Electrical data

Operating voltage	[V]	18...30 DC
Current consumption	[mA]	100...700; (US)
Protection class		III

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: 12
------------------------------	------------------------------

Inputs

Number of digital inputs	12; (6 x 2 PNP type 2 according to IEC 61131-2)
Sensor supply of the inputs	IO-Link
Voltage supply [V]	16...30

Interfaces

Communication interface	IO-Link
Transmission type	COM2 (38,4 kBaud)
IO-Link revision	1.1
SDCI standard	IEC 61131-9

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Profiles	Smart Sensor - SSP 0		Generic Profiled Sensor
	Function		Device identification
	Function		Process data variable
	Function		Device diagnosis
SIO mode			no
Required master port class			A
Min. process cycle time [ms]			4.3
Supported DeviceIDs	Type of operation	DeviceID	
	default	995	

Operating conditions			
Ambient temperature [°C]		-25...60	
Storage temperature [°C]		-25...70	
Max. relative air humidity [%]		75; (5...75)	
Max. height above sea level [m]		2000	
Protection		IP 65; IP 67; IP 69K; (operation with stainless steel protective caps: IP 69K)	
Protection rating (NEMA 250)		6P	
Degree of soiling		2	
Chemical media	ISO 16750-5	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		
Shock resistance	DIN EN 60068-2-27		
Vibration resistance	DIN EN 60068-2-64		
	DIN EN 60068-2-6		
MTTF [years]		197	

Mechanical data			
Weight [g]		300	
Housing		rectangular	
Type of mounting		Backplane mounting	
Dimensions [mm]		152 x 59.3 x 38	
Material		housing: PA grey; Socket: stainless steel (1.4404 / 316L)	
Sealing material		EPDM	

Displays / operating elements			
Display	Power		1 x LED, green
	fault		1 x LED, red
	Function		1 x LED, yellow

Accessories	
Accessories (optional)	protective cap for M12 sockets

Remarks	
Pack quantity	1 pcs.

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IO-Link input module

IO-Link Module 6x2 DI M12 IP69K

Electrical connection - IO-Link

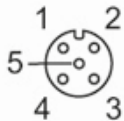
Connector: 1 x M12; coding: A



X1	
1	+ 24 V DC (US)
2	not used
3	GND (US)
4	IO-Link

Electrical connection - Inputs

Connector: 6 x M12; coding: A; sealing: EPDM



X1.0...X1.5	
1	Sensor supply + 24 V DC (US)
2	Digital input DI2
3	Sensor supply GND (US)
4	Digital input DI1
5	not used