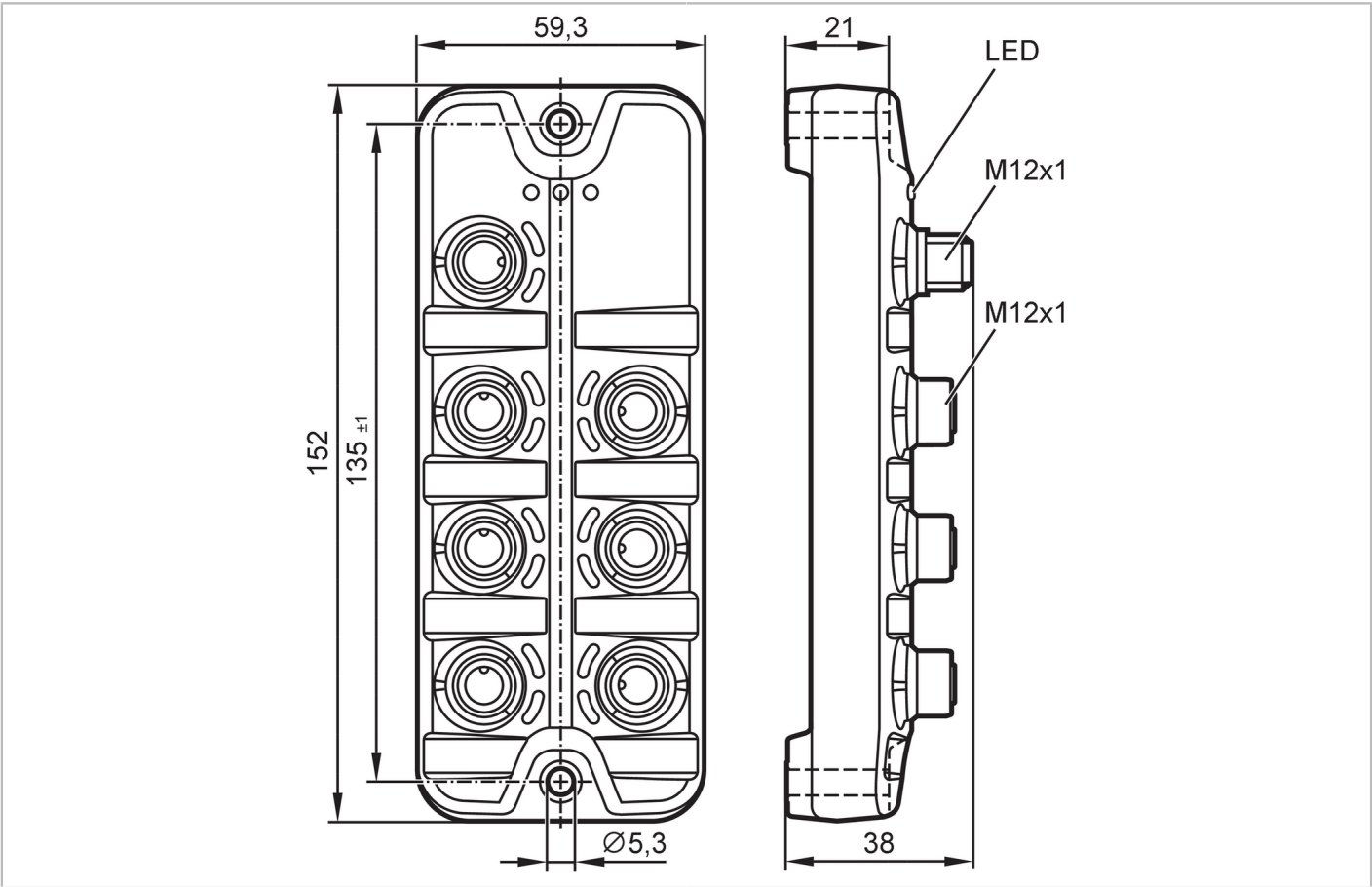


AL2240



IO-Link input module

IO-Link Module 6x2 DI M12 IP69K



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
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	
Pollution degree	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	
	DIN EN 60068-2-27	
Shock resistance	DIN EN 60068-2-64	
Vibration resistance	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.

**IO-Link input module**

IO-Link Module 6x2 DI M12 IP69K

Electrical connection - IO-Link

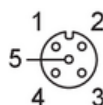
Connector: 1 x M12; coding: A; Contacts: 4

**X1**

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

Electrical connection - Inputs

Connector: 6 x M12; coding: A; Contacts: 4; 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