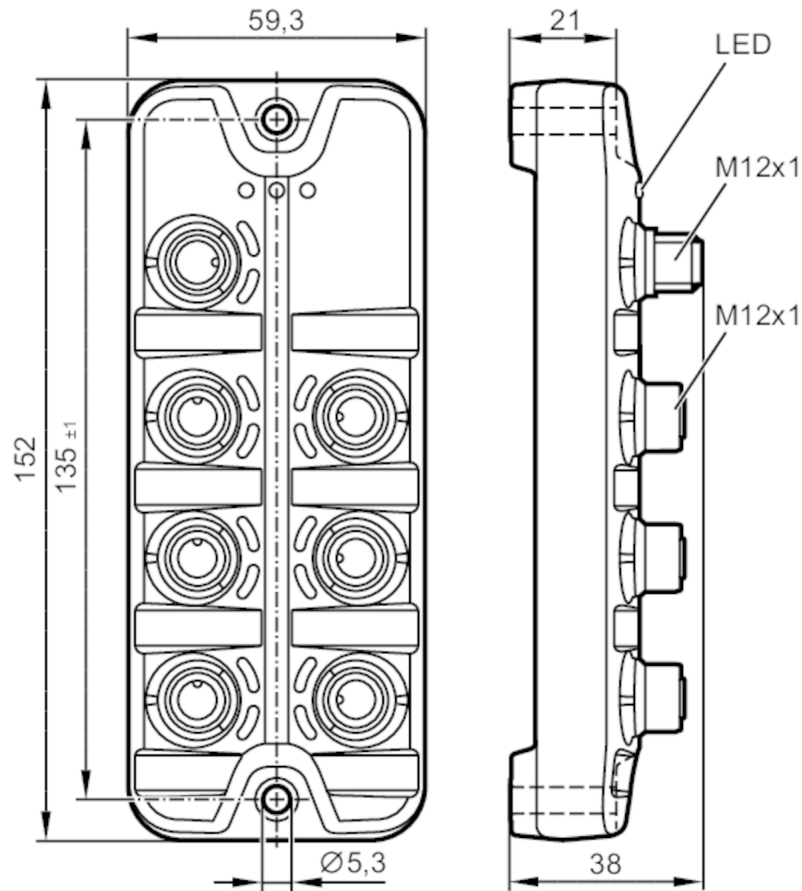


IO-Link input module

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
Power supply	[V]
	16...30

Interfaces

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

AL2240



IO-Link input module

IO-Link Module 6x2 DI M12 IP69K

SIO mode	no	
Required master port type	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	
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	
Materials	housing: PA grey; socket: stainless steel (316L/1.4404)	
Sealing material	EPDM	

Displays / operating elements		
Display	operation	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

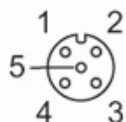
Connector: 1 x M12; coding: A

**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