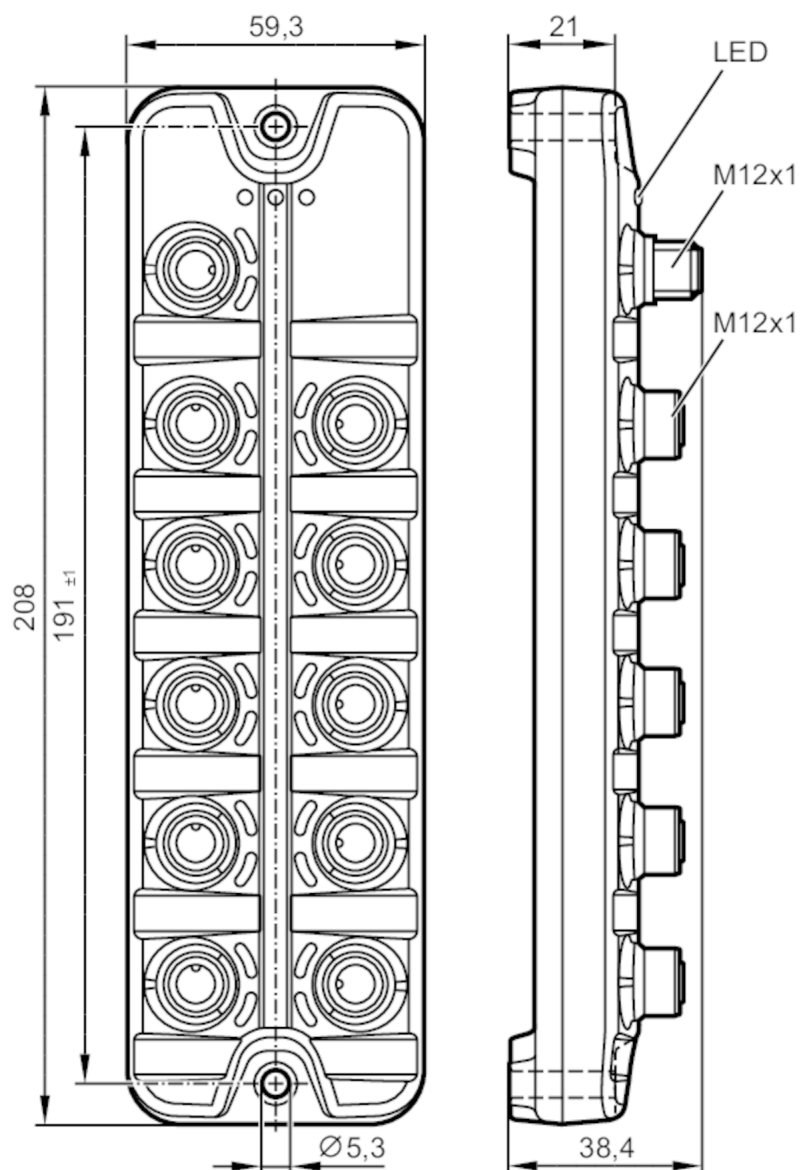


IO-Link input module

IO-Link Module 10x2 DI M12 IP69K



Electrical data

Operating voltage	[V]	18...30 DC
Current consumption	[mA]	100...1100; (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: 20
------------------------------	------------------------------

Inputs

Number of digital inputs	20; (10 x 2 PNP type 2 according to IEC 61131-2)
--------------------------	--



IO-Link input module

IO-Link Module 10x2 DI M12 IP69K

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	
SIO mode		no	
Required master port type		A	
Min. process cycle time	[ms]	4.3	
Supported DeviceIDs		Type of operation	DeviceID
		default	940
Operating conditions			
Ambient temperature	[°C]	-25...60	
Storage temperature	[°C]	-25...70	
Max. relative air humidity	[%]	90	
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]	140	
Mechanical data			
Weight	[g]	406	
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.	

AL2241



IO-Link input module

IO-Link Module 10x2 DI M12 IP69K

Electrical connection - IO-Link

Connector: 1 x M12; coding: A

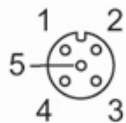


X1

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

Electrical connection - Inputs

Connector: 10 x M12; coding: A; Sealing: EPDM



X1.0...X1.9

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