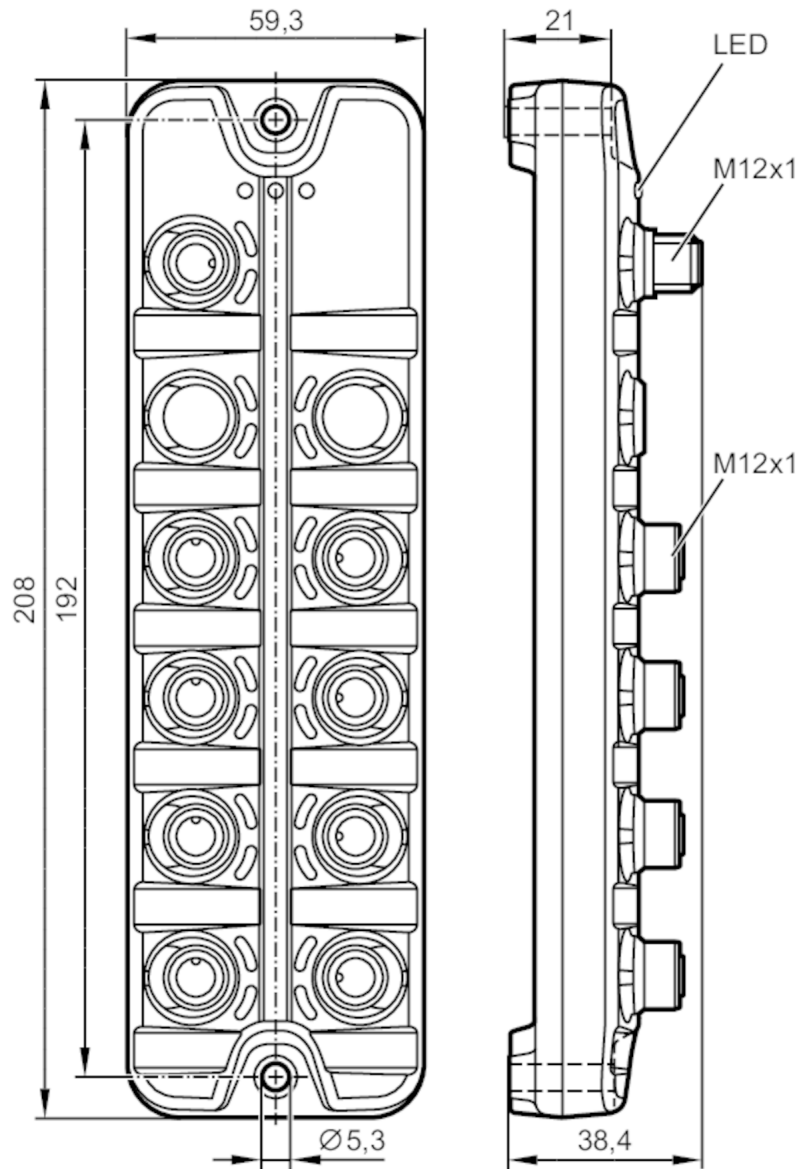


AL2203



IO-Link input/output module

IOL MOD SL 8XMP/DX B M12 IP69K



Depending on the version some LEDs are inactive



Electrical data

Operating voltage	[V]	18...30 DC
Current consumption	[mA]	100; (US)
Protection class		III
Additional voltage supply	[V]	18...30 DC; (UA)
Max. current consumption from additional supply	[mA]	3600; (UA)

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Inputs / outputs		
Total number of inputs and outputs	16	
Number of inputs and outputs	Number of digital inputs: 16; Number of analogue inputs: 8; Number of digital outputs: 16	
Inputs		
Number of digital inputs	16; (configurable)	
Input circuit of digital inputs	PNP; (type 3 (IEC 61131-2))	
Sensor supply of the inputs	UA	
Voltage supply [V]	18...30	
Number of analogue inputs	8; (configurable current/voltage input)	
Analogue input (current) [mA]	4...20	
Analogue input (voltage) [V]	0...10	
Resolution of analogue input	16 Bit	
Outputs		
Number of digital outputs	16; (configurable)	
Max. current load per output [mA]	1800	
Max. current load outputs total [A]	3.6; (max. current load per segment: 1800 mA)	
Short-circuit protection	yes	
Actuator supply outputs	UA	
Interfaces		
Communication interface	IO-Link	
SDCI standard	IEC 61131-9	
Transmission type	COM3 (230,4 kBaud)	
IO-Link revision	1.1	
SIO mode	no	
Required master port type	B	
Min. process cycle time [ms]	4	
Supported DeviceIDs	Type of operation	DeviceID
	Factory setting: parametrisation via PDout	1405
	Acyclic parametrisation	1406
Note	Parameterisation can be changed from cyclical to acyclical. For further information please see the IODD PDF file under "Downloads"	
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	
Degree of soiling	2	
Chemical media	ISO 16750-5	HLP, CC, DB, DC, DD, CA
	NEMA 250 5.13.1	AA

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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	

Mechanical data

Weight	[g]	482.33
Dimensions	[mm]	26 x 59.3 x 208
Materials		housing: PA grey; socket: stainless steel (1.4404 / 316L)
Sealing material		EPDM
Tightening torque	[Nm]	< 0.8

Displays / operating elements

Display	operation	1 x LED, green
	fault	1 x LED, red
	function	1 x LED, yellow

Accessories

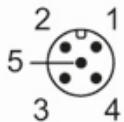
Accessories (optional)	protective cap for M12 sockets
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Remarks

Pack quantity	1 pcs.
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Electrical connection - IO-Link

Connector: 1 x M12; coding: A



X1

1	+ 24 V DC (US)
2	+ 24 V DC (UA)
3	GND (US)
4	IO_Link
5	GND (UA)

Electrical connection - inputs / outputs

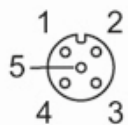
Connector: 8 x M12; coding: A; Sealing: EPDM

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IO-Link input/output module

IOL MOD SL 8XMP/DX B M12 IP69K



X1.0...X1.7

1	Sensor supply + 24 V DC (UA)
2	multifunctional input I2 digital output O2
3	Sensor supply GND (UA)
4	digital input/output I/O1
5	not used