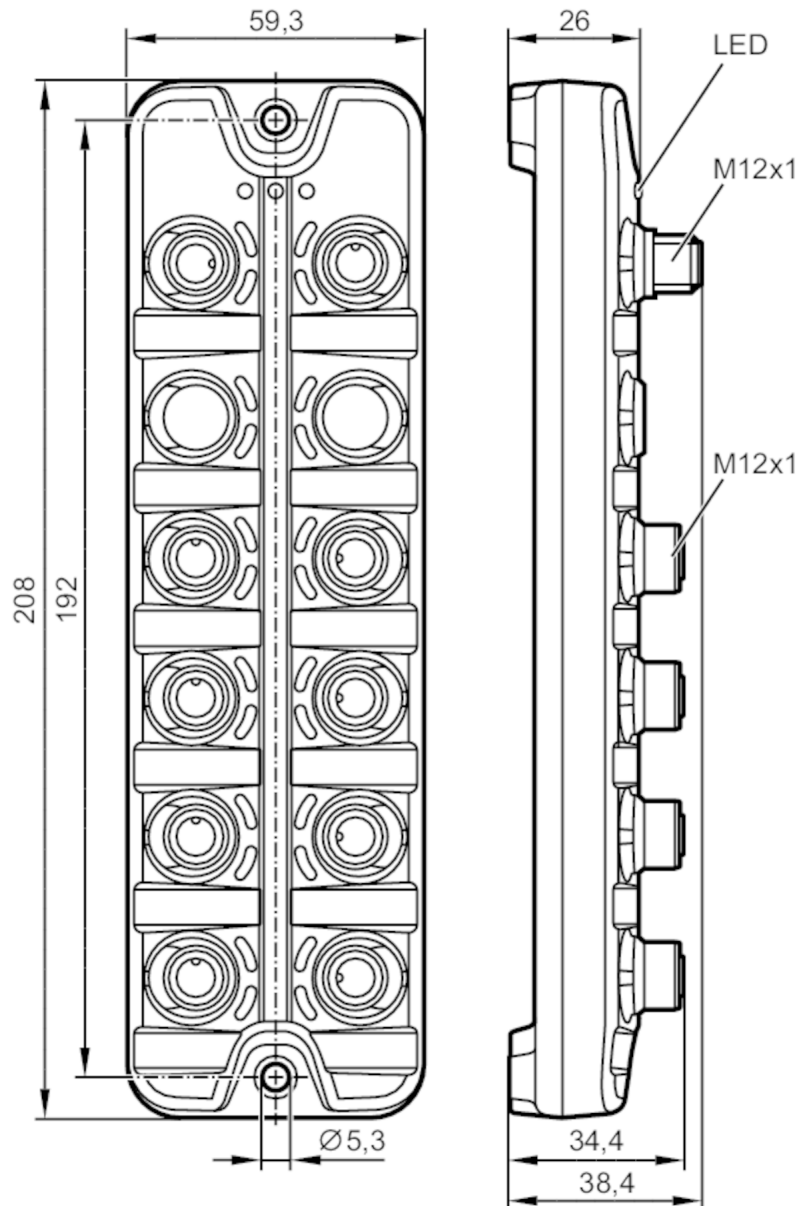


AL2225



IO-Link input/output module

IOL MOD SL 8XDX/DX E 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 UAi)
Max. current consumption from additional supply	[mA]	4000; (UA; UAi: 400 mA)



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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 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	AUX (UA, UAi)	
Voltage supply [V]	18...30	
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	AUX (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	A	
Min. process cycle time [ms]	4	
Supported DeviceIDs	Type of operation	DeviceID
	Default	1314
Note	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 [%]	75	
Max. height above sea level [m]	2000	
Protection	IP 65; IP 67; IP 69K; (operation with stainless steel protective caps: IP 69K)	
Degree of soiling	2	
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]	46	

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Mechanical data		
Weight [g]	408.4	
Dimensions [mm]	26 x 59.3 x 208	
Materials	housing: PA grey; socket: stainless steel (1.4404 / 316L)	
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.	

Electrical connection - AUX

Connector: 1 x M12



X31

1	+ 24 V DC (U _{Ai})
2	GND (U _A /U _{Ai})
3	not used
4	+ 24 V DC (U _A)

Electrical connection - IO-Link

Connector: 1 x M12



X1

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

Electrical connection - inputs / outputs

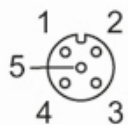
Connector: 8 x M12; Sealing: EPDM

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IO-Link input/output module

IOL MOD SL 8XDX/DX E M12 IP69K



X1.0...X1.7

1	+ 24 V DC (UA/UAi)
2	I/O2
3	GND (UA/UAi)
4	I/O1
5	not used