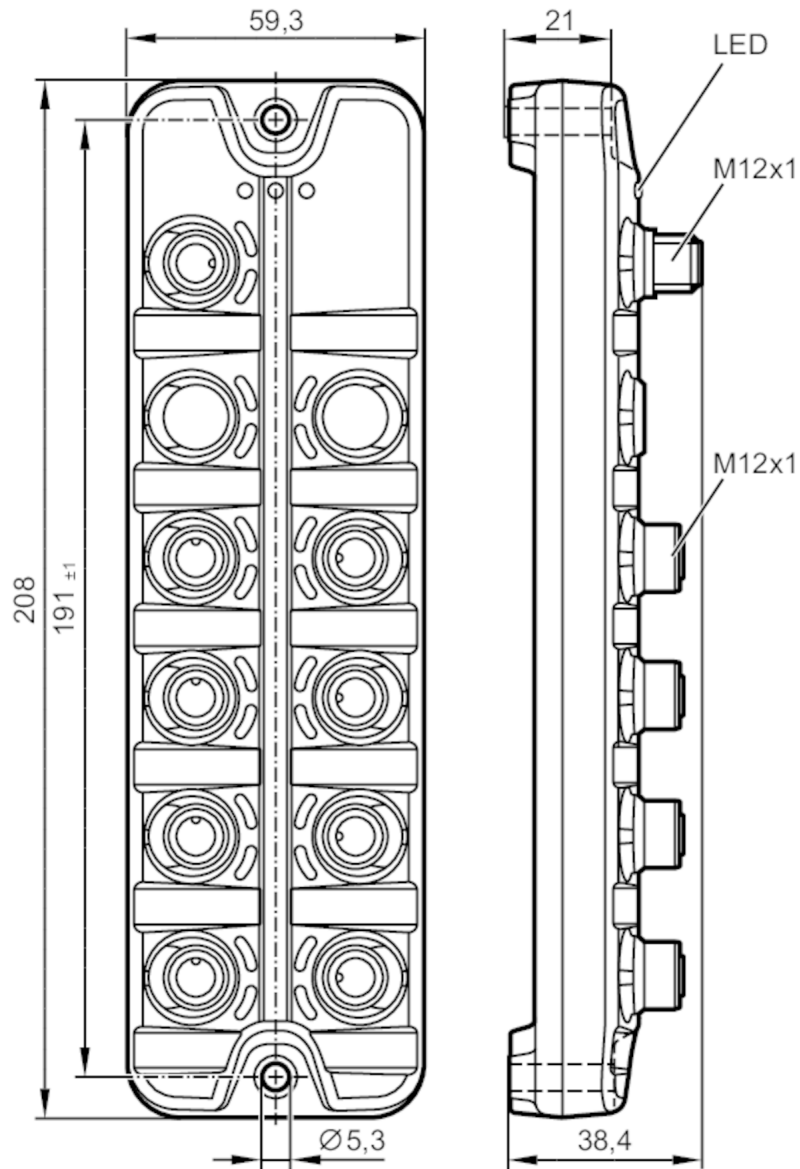


# AL2223



## IO-Link input/output module

IOL MOD SL 8XDX/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)

### Inputs / outputs

Total number of inputs and outputs	16
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# AL2223



## IO-Link input/output module

IOL MOD SL 8XD/DX B M12 IP69K

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	UA
Voltage supply [V]	18...30
Input current High [mA]	2...15
Input current low [mA]	0...1.5
Switching level high [V]	11...28
Switching level low [V]	0...5

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 class	B
Min. process cycle time [ms]	4
Supported DeviceIDs	<b>Type of operation</b> <b>DeviceID</b> default      1409
Note	For further information please see the IODD PDF file at "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

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

# AL2223



## IO-Link input/output module

IOL MOD SL 8XDX/DX B M12 IP69K

Mechanical data	
Weight [g]	482.326
Dimensions [mm]	26 x 59.3 x 208
Material	housing: PA grey; Socket: stainless steel (1.4404 / 316L)
Sealing material	EPDM

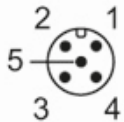
Displays / operating elements		
Display	Power	1 x LED, green
	fault	1 x LED, red
	Function	1 x LED, yellow

Accessories	
Accessories (optional)	protective cap for M12 sockets

Remarks	
Pack quantity	1 pcs.

### Electrical connection - IO-Link

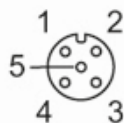
Connector: 1 x M12; coding: A



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



X1.0...X1.7	
1	+ 24 V DC (UA)
2	I/O2
3	GND (UA)
4	I/O1
5	not used