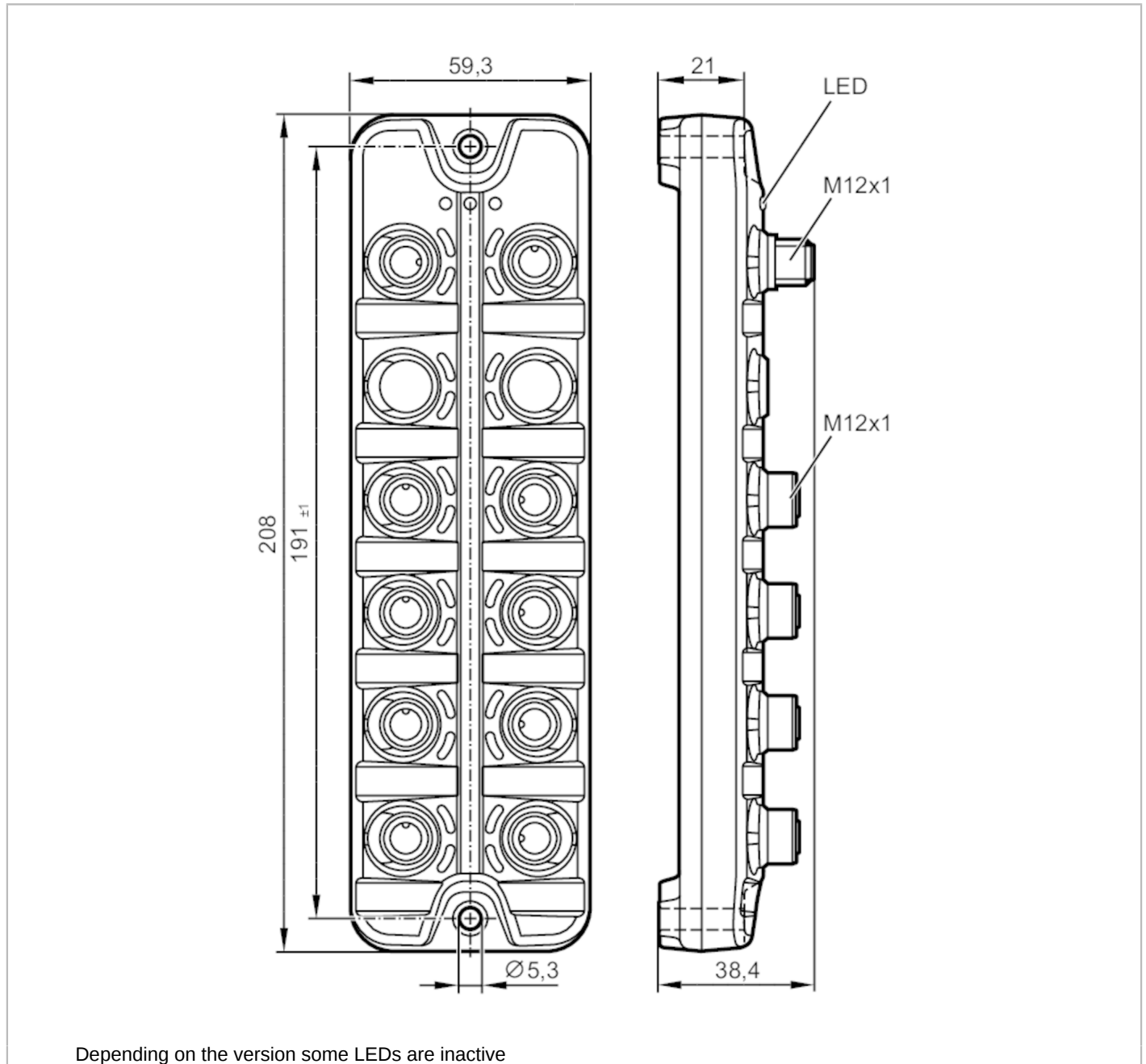


AL2225



IO-Link input/output module

IOL MOD SL 8XDX/DX E M12 IP69K



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)
Inputs / outputs	
Total number of inputs and outputs	16

AL2225



IO-Link input/output module

IOL MOD SL 8XD/DX E 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	AUX (UA, UAi)	
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	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 class	A	
Min. process cycle time [ms]	4	
Supported DeviceIDs	Type of operation	DeviceID
Note	default	1314
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	

AL2225



IO-Link input/output module

IOL MOD SL 8XDX/DX E M12 IP69K

MTTF	[years]	46
------	---------	----

Mechanical data

Weight	[g]	408.4
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 - AUX

Connector: 1 x M12; coding: A



X31

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

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

AL2225

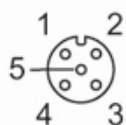


IO-Link input/output module

IOL MOD SL 8XDX/DX E M12 IP69K

Electrical connection - inputs / outputs

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



X1.0...X1.7

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