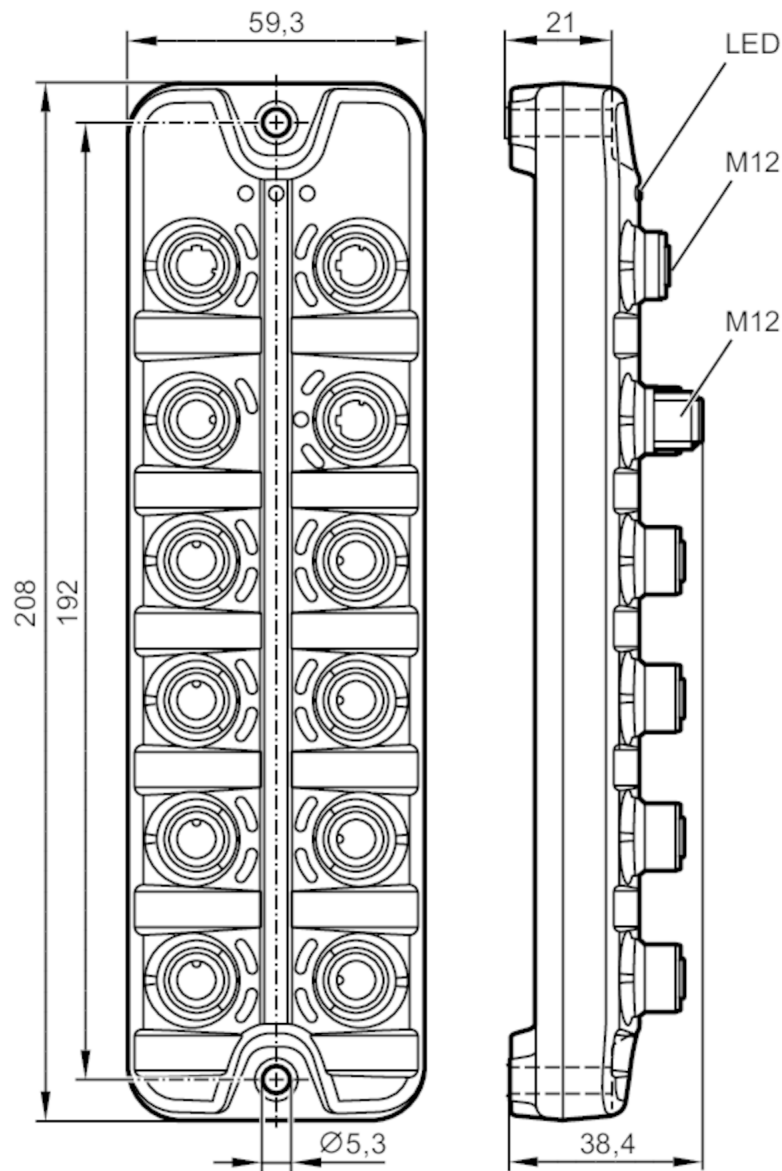


AL1322



IO-Link master with EtherNet/IP interface

IO-Link Master DL EIP 8P IP67



Application		
Application		I/O modules for field applications
Daisy-chain function		fieldbus interface
Electrical data		
Operating voltage	[V]	20...30 DC; (US; to SELV/PELV)
Current consumption	[mA]	300...3900; (US)
Protection class		III
Sensor supply US		
Max. current load total	[A]	3.6



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Inputs / outputs	
Total number of inputs and outputs	16; (configurable)
Number of inputs and outputs	Number of digital inputs: 16; Number of digital outputs: 8
Inputs	
Number of digital inputs	16; (IO-Link Port Class A: 8 x 2)
Switching level high [V]	11...30
Switching level low [V]	0...5
Digital inputs protected against short circuits	yes
Outputs	
Number of digital outputs	8; (IO-Link Port Class A: 8 x 1)
Max. current load per output [mA]	300
Short-circuit proof	yes
Interfaces	
Communication interface	Ethernet; IO-Link
Ethernet - EtherNet/IP	
Transmission standard	10Base-T; 100Base-TX
Transmission rate	10; 100
Protocol	EtherNet/IP
Factory settings	IP address: 192.168.1.250
	subnet mask: 255.255.255.255
	gateway IP address: 0.0.0.0
	MAC address: see type label
Note on interfaces	DHCP, BOOTP, static
	DLR (Device Level Ring)
	Supported network topologies: line ring
Ethernet - Internet of Things	
Transmission standard	10Base-T; 100Base-TX
Transmission rate	10; 100
Protocol	MQTT JSON
Factory settings	IP address: 169.254.x.x
	subnet mask: 255.255.0.0
	gateway IP address: 0.0.0.0
	MAC address: see type label
Note on interfaces	Safety protocol: HTTPS
IO-Link Master	
Transmission type	COM1 (4,8 kBaud); COM2 (38,4 kBaud); COM3 (230,4 kBaud)
IO-Link revision	1.1
Number of ports class A	8



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Operating conditions		
Ambient temperature	[°C]	-25...60
Storage temperature	[°C]	-25...85
Max. relative air humidity	[%]	90
Protection		IP 65; IP 66; IP 67
Degree of soiling		2

Tests / approvals		
EMC	EN 61000-6-2	
	EN 61000-6-4	
Shock resistance	DIN EN 60068-2-27	
Vibration resistance	DIN EN 60068-2-64 2009-04	
	DIN EN 60068-2-6 2008-10	
MTTF	[years]	78

Mechanical data		
Weight	[g]	403
Material		housing: PA; Socket: brass nickel-plated
Sealing material		FKM

Remarks		
Remarks		Further information is available in the manual.
Pack quantity		1 pcs.

Electrical connection - Ethernet

Connector: M12; sealing: FKM



EtherNet/IP X21, X22		
1		TX +
2		RX +
3		TX -
4		RX -
5		not used

IoT X23		
1		TX +
2		RX +
3		TX -
4		RX -
5		not used

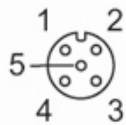
Electrical connection - Process connection		
Connector: M12; sealing: FKM		

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IO-Link master with EtherNet/IP interface

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IO-Link Port Class A X01...X08

1	Sensor supply (US) L+
2	Digital input
3	Sensor supply (US) L-
4	C/Q IO-Link
5	not used

Electrical connection - voltage supply

Connector: M12



X31

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