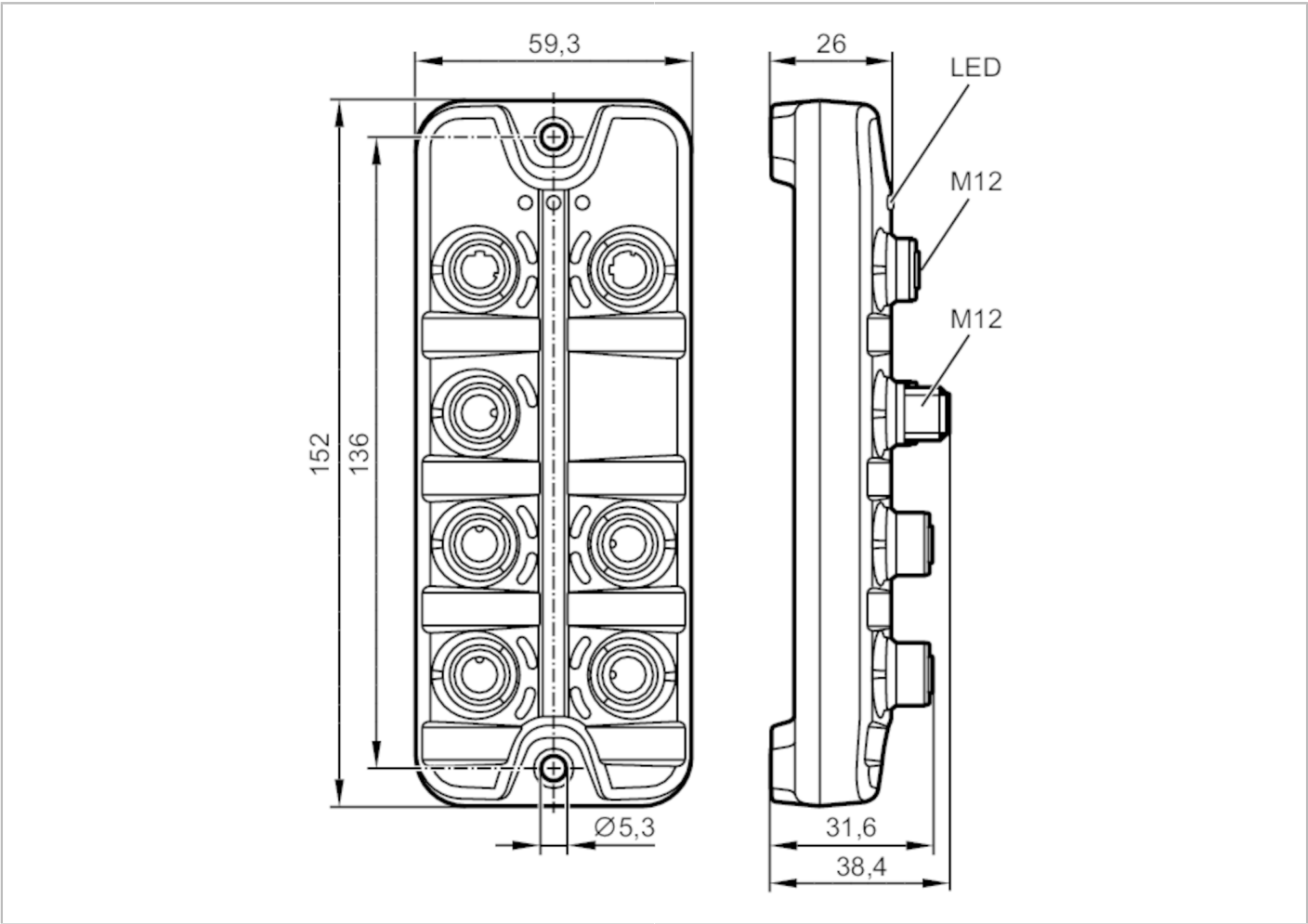


AL1350



IO-Link master with IoT interface

IO-Link Master DL IoT 4P IP67



CE ENEC IO-Link

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
Inputs / outputs	
Total number of inputs and outputs	8; (configurable)
Number of inputs and outputs	Number of digital inputs: 8; Number of digital outputs: 4



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Inputs		
Number of digital inputs		8; (IO-Link Port Class A: 4 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		4; (IO-Link Port Class A: 4 x 1)
Max. current load per output [mA]		300
Short-circuit proof		yes
Interfaces		
Communication interface		Ethernet; IO-Link
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		4
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]		126
Mechanical data		
Weight [g]		295
Material		housing: PA; Socket: brass nickel-plated
Sealing material		FKM



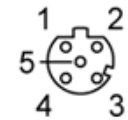
IO-Link master with IoT interface

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

Electrical connection - Ethernet

Connector: M12; sealing: FKM

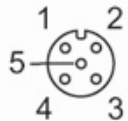


IoT X21, X22

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

Electrical connection - Process connection

Connector: M12; sealing: FKM



IO-Link Port Class A X01...X04

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



AL1350



IO-Link master with IoT interface

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X31	
1	+ 24 V DC (US)
2	not used
3	GND (US)
4	not used