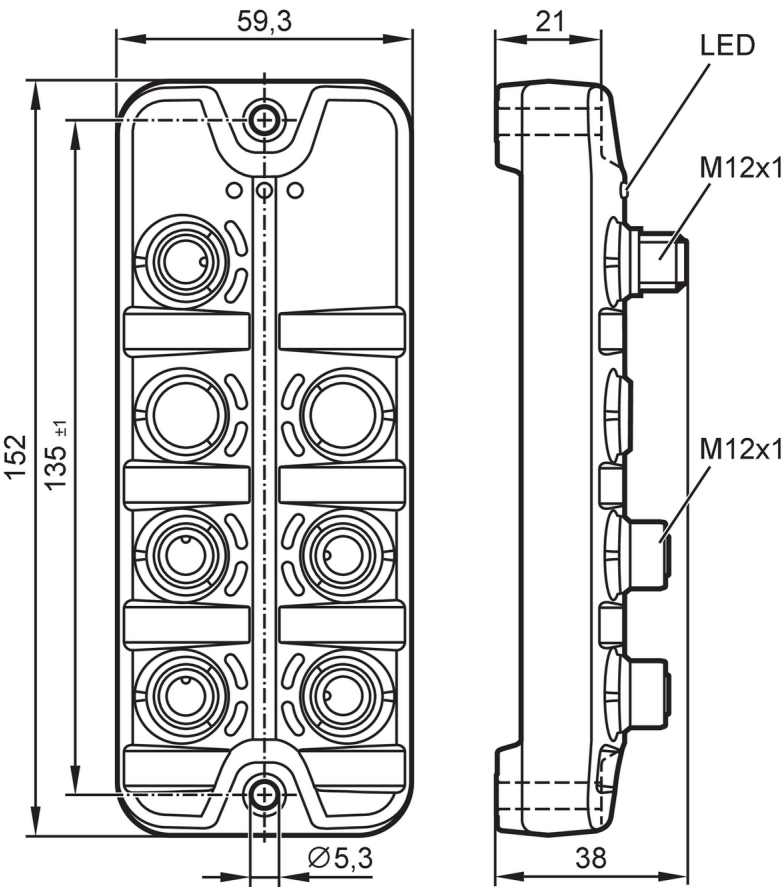


AL2350



IO-Link input/output module

IOL MOD SL 4XAI/AO A M12 IP67



Depending on the version some LEDs are inactive



Electrical data		
Operating voltage	[V]	18...30 DC
Current consumption	[mA]	< 700; (US)
Protection class		III
Sensor supply US		
Max. current load total	[A]	0.4
Inputs / outputs		
Number of inputs and outputs	Number of analog inputs: 4; Number of analog outputs: 4	
Inputs		
Number of analog inputs		4; (configurable)
Analog input (current)	[mA]	4...20
Input resistance	[Ω]	275
Analog input (voltage)	[V]	0...10
Input resistance	[kΩ]	70
Resolution of analog input		1 μA (4...20 mA);1 mV (0...10 V)
Precision analog input	[%]	± 0,3
A/D converter		
Resolution of analog input		16 bit



IO-Link input/output module

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Outputs		
Number of analog outputs		4; (configurable)
Analog current output	[mA]	4...20
Max. load	[Ω]	600; (4...20 mA)
Analog voltage output	[V]	0...10
Min. load	[Ω]	1000; (0...10 V)
Precision analog output	[%]	± 0,3
Short-circuit protection		yes
Overload protection		yes
Resolution of analog output		1 µA (4...20 mA); 1 mV (0...10 V)
D/A converters		
Resolution of analog output		16 bit
Interfaces		
Communication interface		IO-Link
Transmission type		COM3 (230,4 kBaud)
IO-Link revision		1.1.4
SDCI standard		IEC 61131-9
Profiles	FWUP	Firmware Update for IO-Link Devices
	Common - I&D	Identification and Diagnosis
	Function	Locator
	Function	ProductURI
SIO mode		no
Required master port class		A
Min. process cycle time	[ms]	2
Supported DeviceIDs	Type of operation	DeviceID
	default	2007
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
Protection rating (NEMA 250)		6P
Pollution degree		2
Chemical media	ISO 16750-5	AA, BA, BD, 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	
Mechanical data		
Weight	[g]	288.6

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Housing	rectangular
Type of mounting	Backplane mounting
Dimensions [mm]	152 x 59.3 x 38
Material	housing: PA orange; Socket: brass nickel-plated
Sealing material	FKM

Displays / operating elements

Display	Power	2 x LED, green
	fault	3 x LED, red
	Function	8 x LED, yellow

Accessories

Accessories (optional)	protective cap for M12 sockets
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Remarks

Remarks	For information about installation and operation please see the operating instructions.
Pack quantity	1 pcs.

Electrical connection - IO-Link

Connector: 1 x M12; coding: A; Contacts: 4

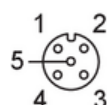


XC1

1	L+	(US)
2	n.c.	
3	L-	(US)
4	DATA	IO-Link

Electrical connection - inputs / outputs

Connector: 4 x M12; coding: A; Contacts: 5; sealing: FKM



X1...X4

1	L+	
2	IN	AI
3	L-	
4	OUT	AO
5	FE	

AI: analog input; AO: analog output; FE: functional earth; DATA: Communication interface