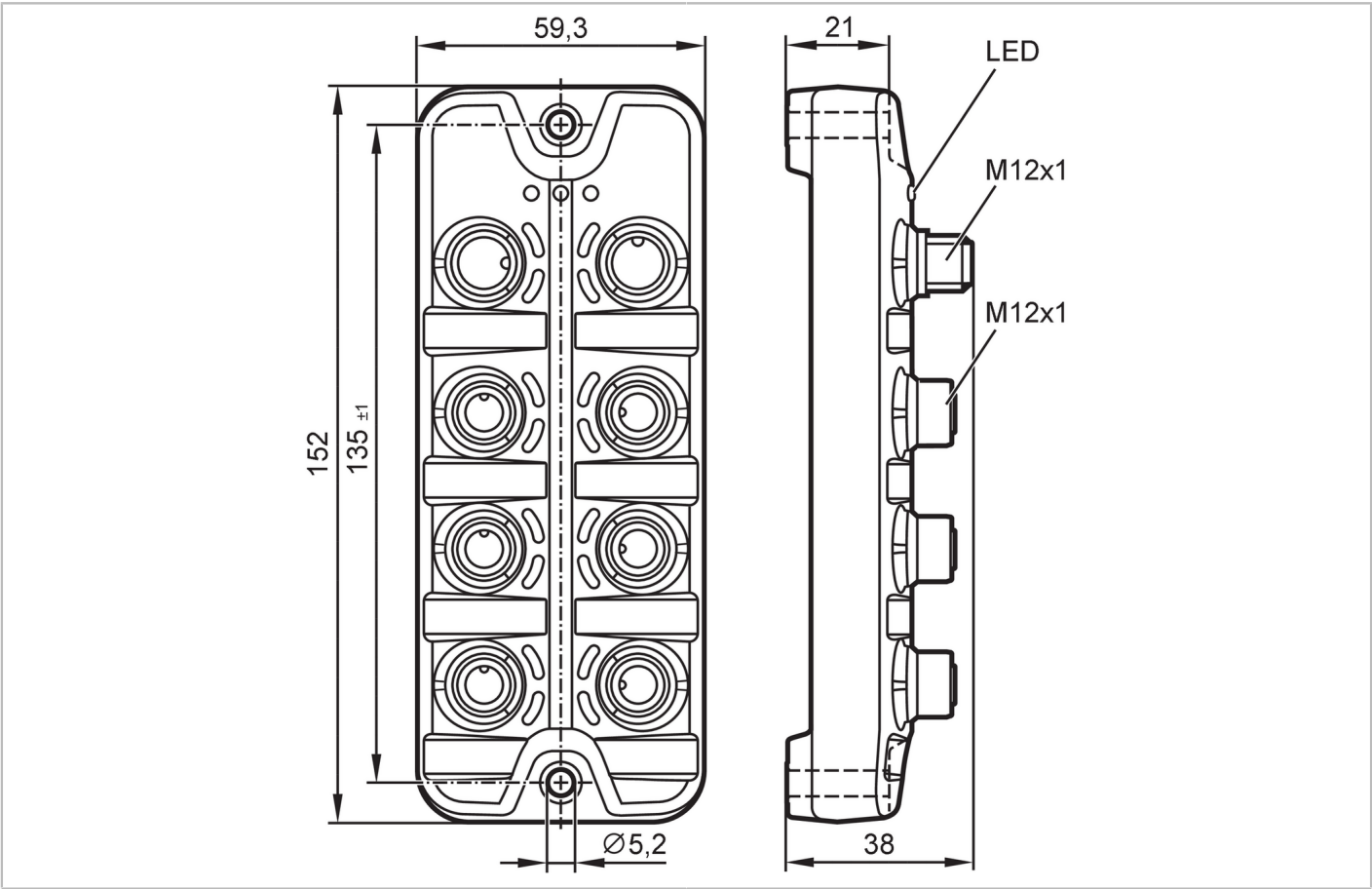


AL2336



IO-Link CompactLine module

IOL MOD SL 6XDO/DO E D M12 IP67



IO-Link



Application

Application

I/O modules for field applications

Electrical data

Operating voltage	[V]	18...30 DC; (US)
Current consumption	[mA]	50; (US)
Protection class		III
Additional voltage supply	[V]	18...30 DC; (UA)
Max. current consumption from additional supply	[mA]	3600; (UA)

Inputs / outputs

Number of inputs and outputs

Number of digital outputs: 12

Outputs

Number of digital outputs	12; (6 x 2)
Output function	PNP
Max. current load per output	[mA] 1800
Max. current load outputs total	[A] 3.6; (Max. current load per output side: 1800 mA)
Electrically separated	yes

Interfaces

Communication interface

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Supported DeviceIDs		Type of operation		DeviceID	
		IO-Link Device		893	
IO-Link Device					
Transmission type		COM2 (38,4 kBaud)			
IO-Link revision		1.1			
SDCI standard		IEC 61131-9			
Profiles		Smart Sensor - SSP 0		Generic Profiled Sensor	
		Function		Device identification	
		Function		Process data variable	
		Function		Device diagnosis	
SIO mode		no			
Min. process cycle time		[ms]	5.6		
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			
MTTF		[years]	61		
Mechanical data					
Weight		[g]	308.8		
Housing		rectangular			
Type of mounting		Backplane mounting			
Dimensions		[mm]	152 x 59.3 x 38		
Material		housing: PA; Socket: brass nickel-plated			
Sealing material		FKM			
Displays / operating elements					
Display		Power		LED, green	
		errors		LED, red	
		Function		LED, yellow	
Accessories					
Accessories (optional)		Protective caps M12			



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Remarks	
Remarks	Using the device within a system with requirements for functional safety is possible by deactivating the actuator voltage UA without interaction. For further information on functional safety, please refer to the operating instructions supplement under "Downloads".
Pack quantity	1 pcs.

Electrical connection - IO-Link

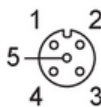
Connector: 1 x M12; coding: A; Contacts: 4



X1	
1	+ 24 V DC (US)
2	not used
3	GND (US)
4	IO-Link

Electrical connection - Outputs

Connector: 6 x M12; coding: A; Contacts: 4; sealing: FKM



X1.0...X1.5	
1	not used
2	DO2
3	GND (UA)
4	DO1
5	not used

Electrical connection - voltage supply

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



X31	
1	+ 24 V DC (UAL)
2	GND (UAR)
3	GND (UAL)
4	+ 24 V DC (UAR)