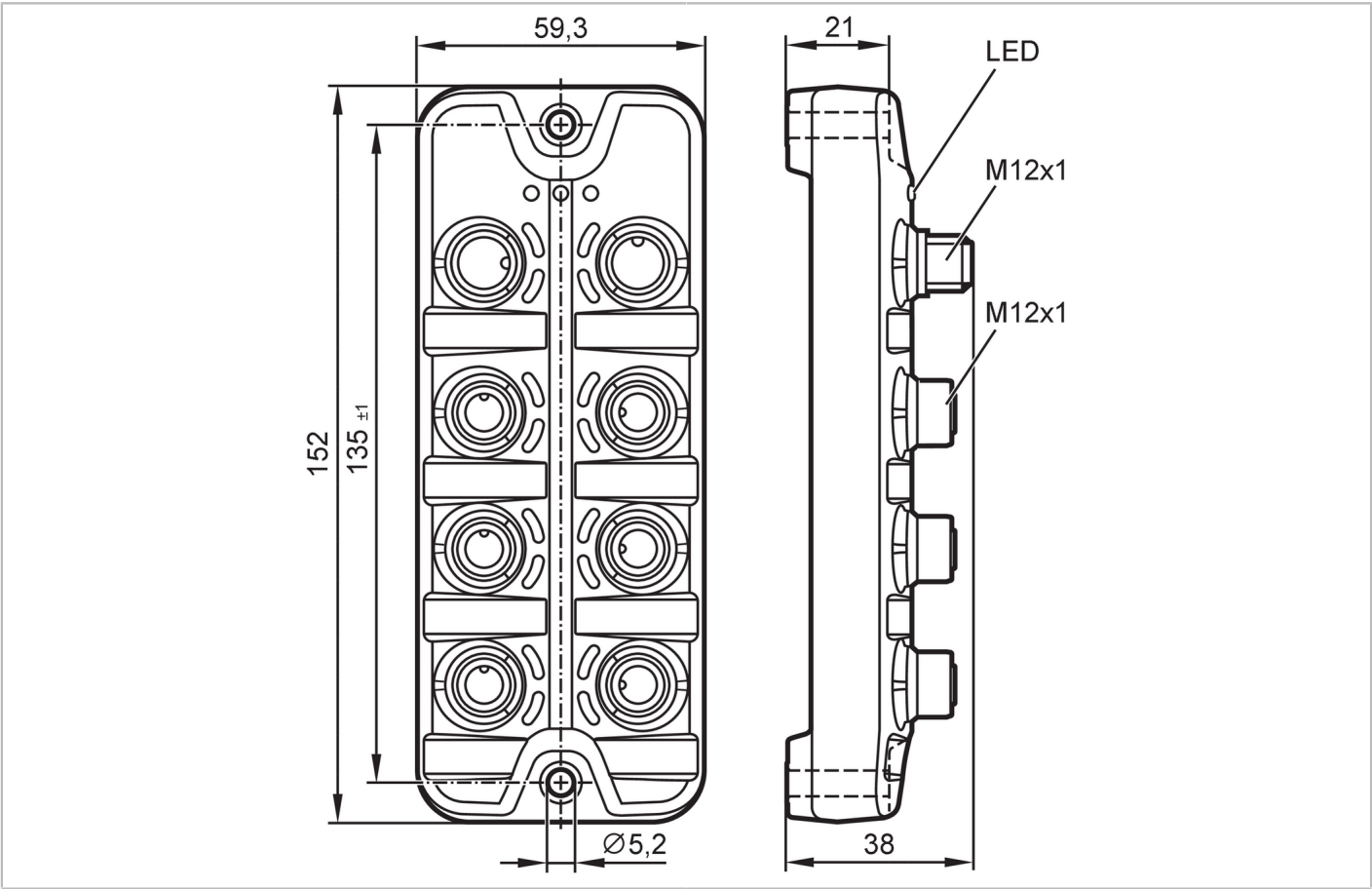


AL2236



IO-Link CompactLine module

IOL MOD SL 6XDO/DO E D M12 IP69K



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	IO-Link

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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; IP 69K; (operation with stainless steel protective caps: IP 69K)	
Protection rating (NEMA 250)		6P	
Pollution degree		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	
MTTF [years]		61	
Mechanical data			
Weight [g]		320.6	
Housing		rectangular	
Type of mounting		Backplane mounting	
Dimensions [mm]		152 x 59.3 x 38	
Material		housing: PA grey; Socket: stainless steel (1.4404 / 316L)	
Sealing material		EPDM	
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

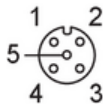
Connector: 6 x M12; coding: A; Contacts: 4



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

Electrical connection - Outputs

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



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)