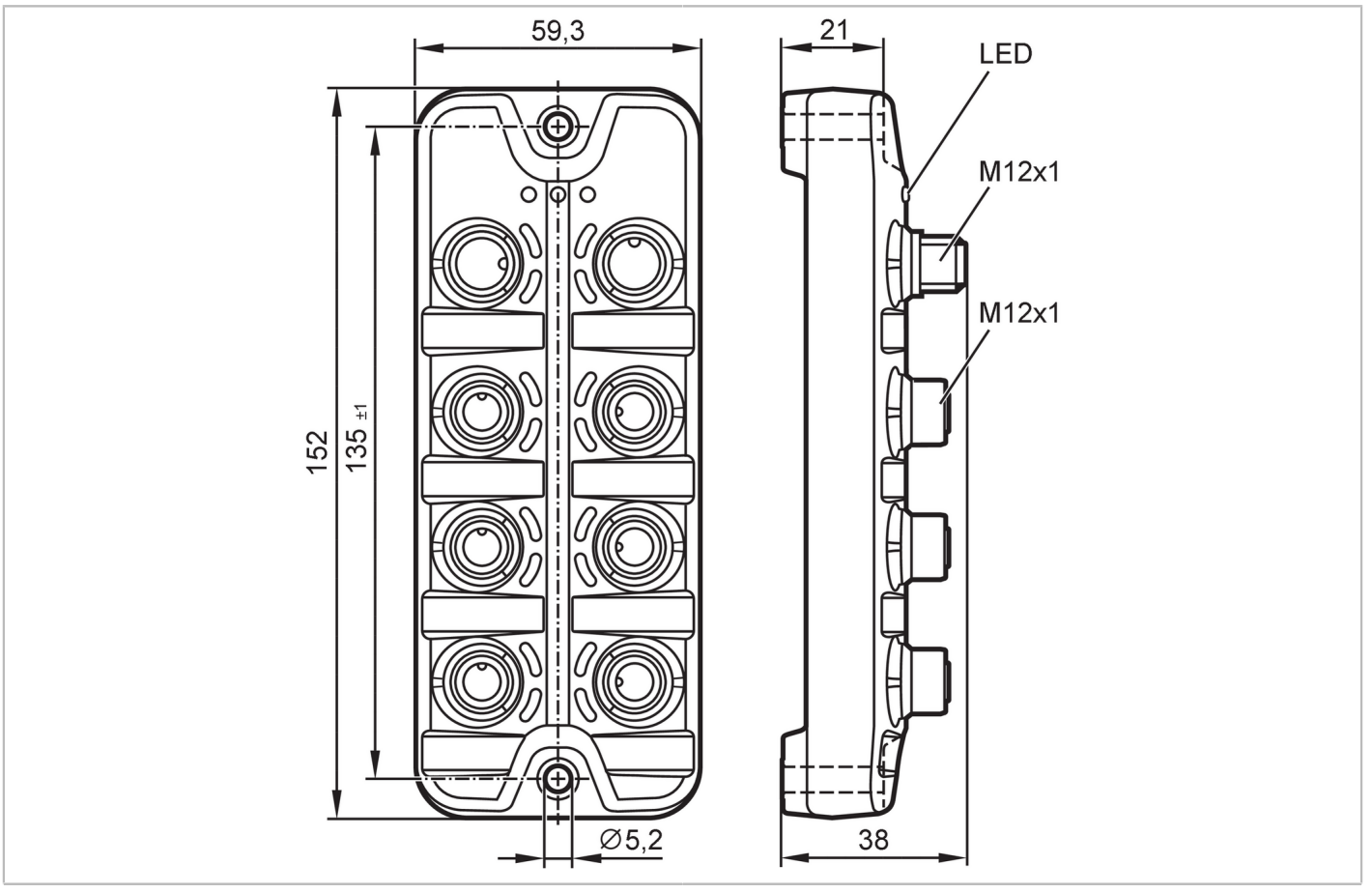
AL2230

IO-Link CompactLine module

IO-Link Module 6x2 DO M12 IP69K



Electrical data		
Operating voltage	[V]	18...30 DC; (US)
Current consumption	[mA]	50; (US)
Protection class		III
Additional voltage supply	[V]	18...28 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
Total current rating of all outputs	[A]	3.6; (Max. current load per output side: 1800 mA)
Electrically separated		yes
Interfaces		
Communication interface		IO-Link
Supported DeviceIDs		

Type of operation	DeviceID
IO-Link Device	893

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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 61000-6-4	
		DIN IEC 61131-9	
Shock resistance		DIN EN 60068-2-27	
Vibration resistance		DIN EN 60068-2-64	
		DIN EN 60068-2-6	
MTTF	[years]	63	
Mechanical data			
Weight	[g]	314	
Housing		rectangular	
Type of mounting		backplane mounting	
Dimensions	[mm]	152 x 59.3 x 38	
Materials		housing: PA grey; socket: stainless steel (316L/1.4404)	
Sealing material		EPDM	
Displays / operating elements			
Display		operation	LED, green
		errors	LED, red
		function	LED, yellow
Accessories			
Accessories (optional)		Protective caps M12	
Remarks			
Pack quantity		1 pcs.	

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Electrical connection - IO-Link

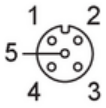
Connector: 1 x M12; coding: A; Contacts: 4



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: 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)