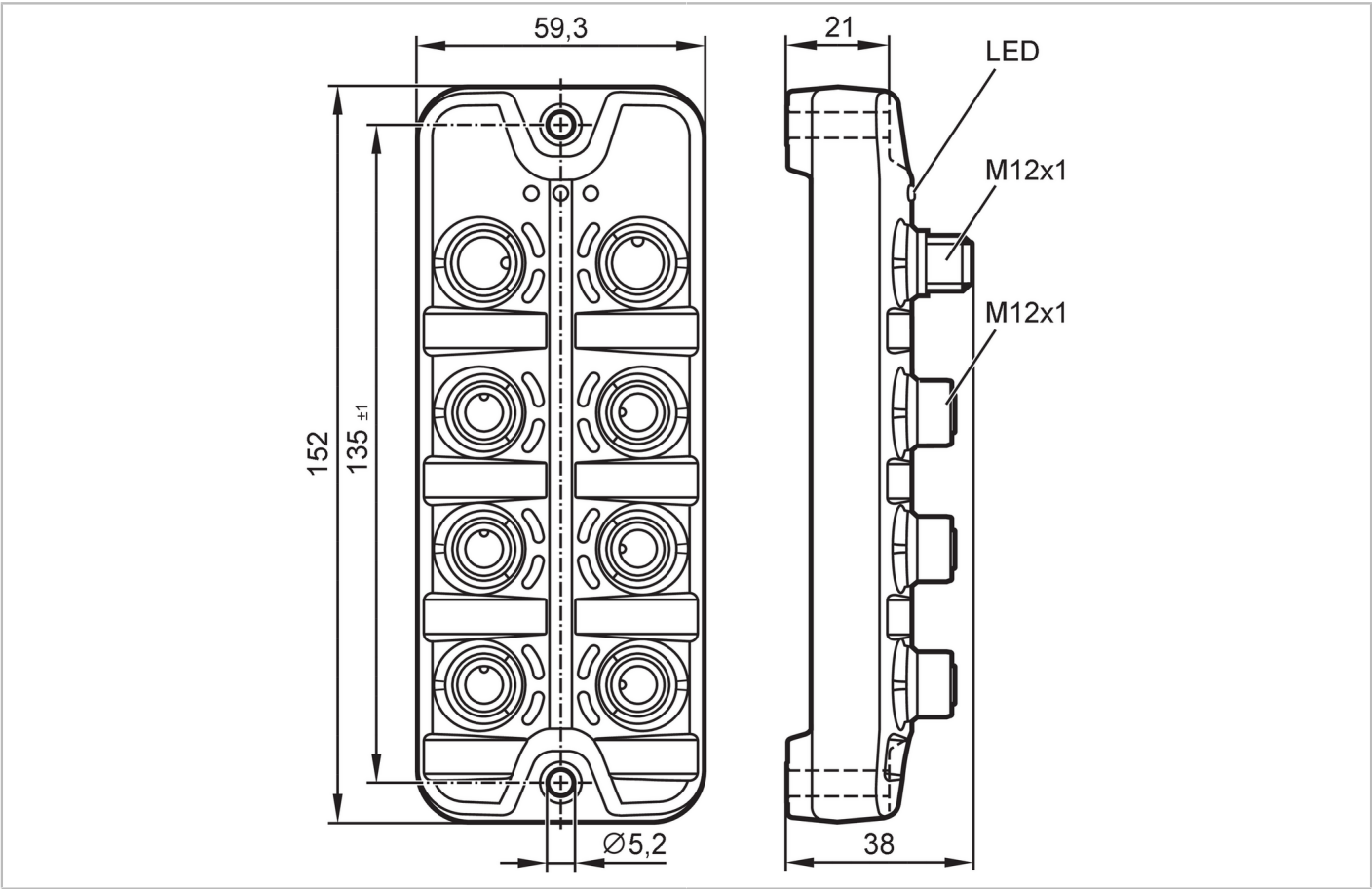


AL2230



IO-Link CompactLine module

IO-Link Module 6x2 DO M12 IP69K



IO-Link



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
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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	
Supported DeviceIDs	Type of operation	DeviceID
	IO-Link Device	893



IO-Link CompactLine module

IO-Link Module 6x2 DO M12 IP69K

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	DIN EN 61000-6-2	
	DIN EN 61000-6-3	
	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
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
Remarks		
Pack quantity	1 pcs.	



IO-Link CompactLine module

IO-Link Module 6x2 DO M12 IP69K

Electrical connection - IO-Link

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

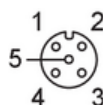


X1

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)