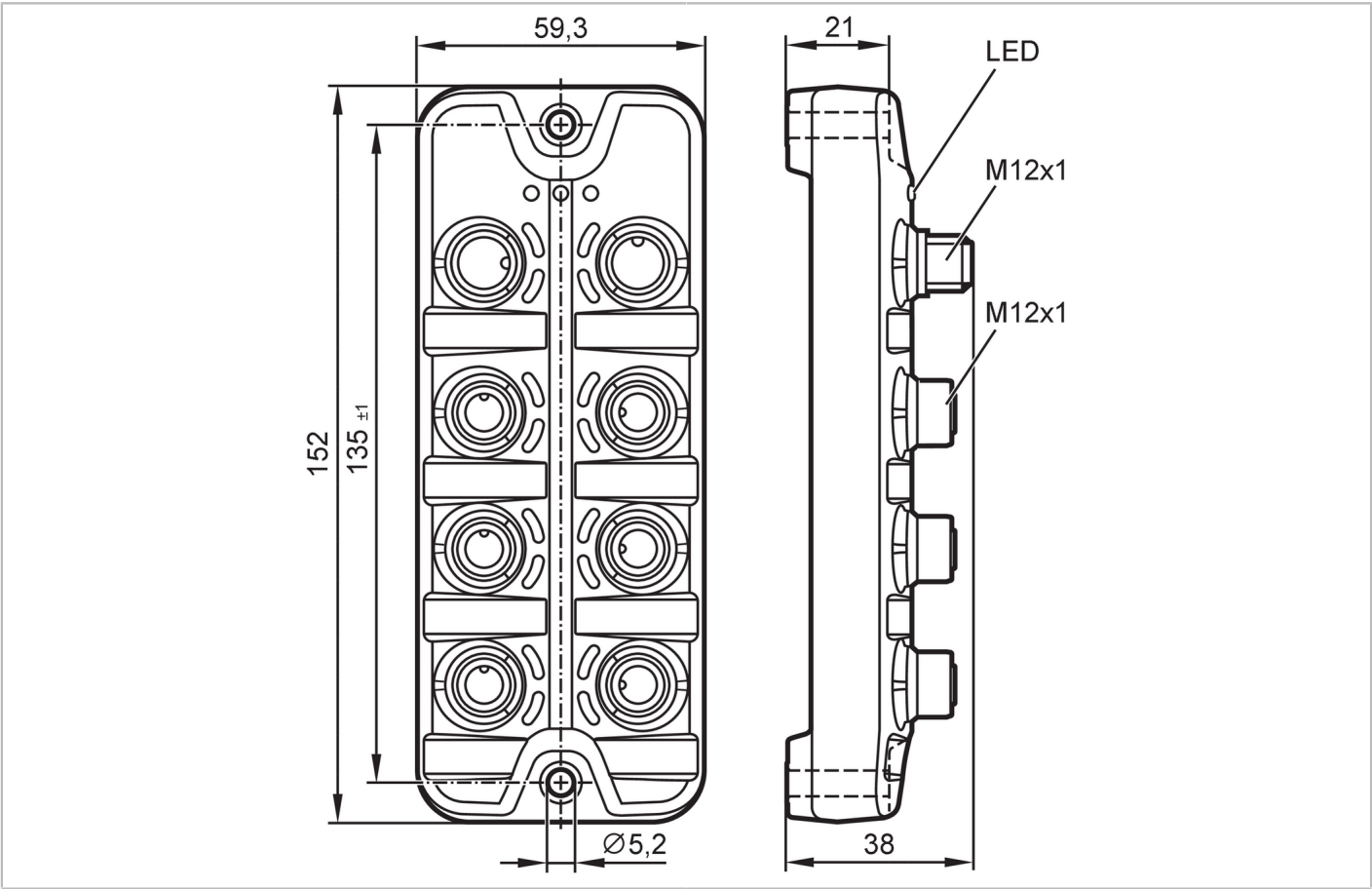


AL2330



IO-Link CompactLine module

IO-Link Module 6x2 DO 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

IO-Link



IO-Link CompactLine module

IO-Link Module 6x2 DO M12 IP67

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 61000-6-4		
	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]		303	
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	
Remarks			
Pack quantity		1 pcs.	

**IO-Link CompactLine module**

IO-Link Module 6x2 DO M12 IP67

Electrical connection - IO-Link

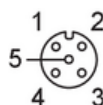
Connector: 1 x M12; coding: A; Contacts: 4

**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)