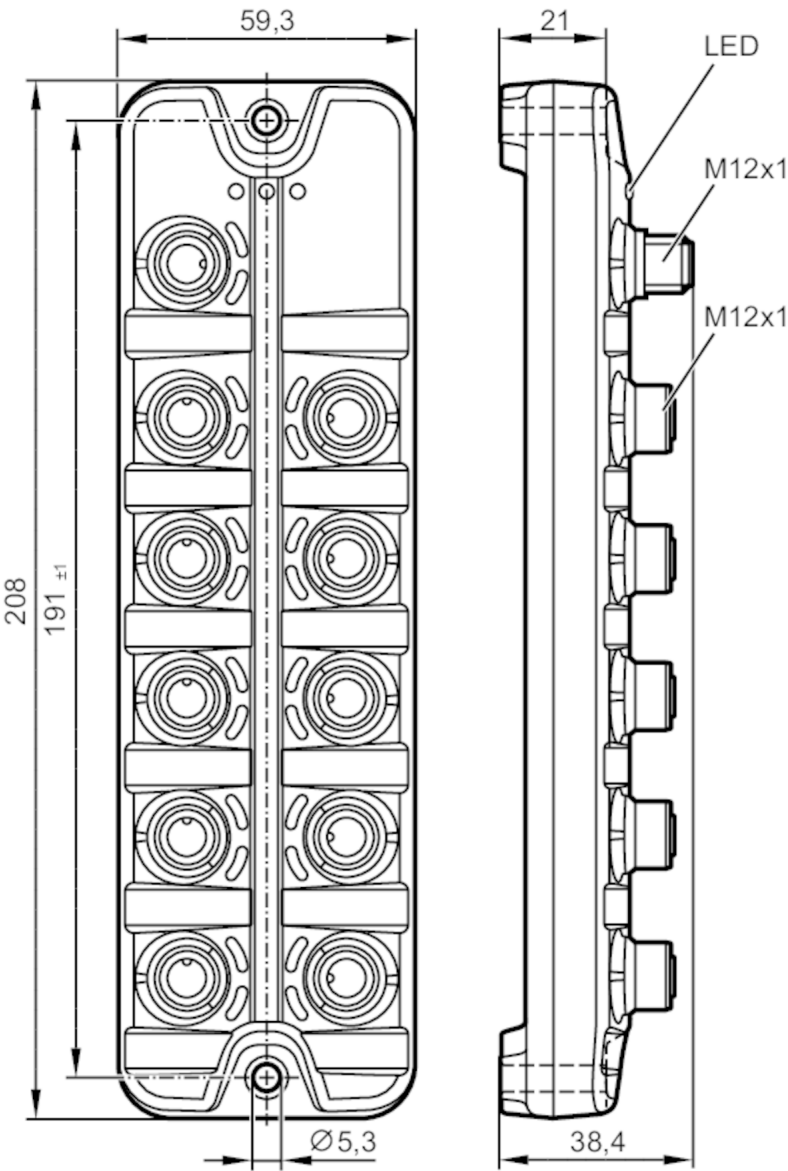


AL2341



IO-Link input module

IO-Link Module 10x2 DI M12 IP67



Electrical data		
Operating voltage	[V]	18...30 DC
Current consumption	[mA]	100...1100; (US)
Protection class		III
Sensor supply US		
Current rating per port	[A]	0.1
Inputs / outputs		
Number of inputs and outputs		Number of digital inputs: 20
Inputs		
Number of digital inputs		20; (10 x 2 PNP type 2 according to IEC 61131-2)



IO-Link input module

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Sensor supply of the inputs	IO-Link
Power supply [V]	16...30

Interfaces

Communication interface	IO-Link				
SDCI standard	IEC 61131-9				
Transmission type	COM2 (38,4 kBaud)				
IO-Link revision	1.1				
SIO mode	no				
Required master port type	A				
Min. process cycle time [ms]	4.3				
Supported DeviceIDs	<table> <tr> <th>Type of operation</th><th>DeviceID</th></tr> <tr> <td>default</td><td>940</td></tr> </table>	Type of operation	DeviceID	default	940
Type of operation	DeviceID				
default	940				

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				
Chemical media	<table> <tr> <td>ISO 16750-5</td><td>AA, BA, BD, HLP, CC, DB, DC, DD, CA</td></tr> <tr> <td>NEMA 250 5.13.1</td><td>AA</td></tr> </table>	ISO 16750-5	AA, BA, BD, HLP, CC, DB, DC, DD, CA	NEMA 250 5.13.1	AA
ISO 16750-5	AA, BA, BD, HLP, CC, DB, DC, DD, CA				
NEMA 250 5.13.1	AA				

Tests / approvals

EMC	<table> <tr><td>EN 61000-6-2</td><td></td></tr> <tr><td>EN 61000-6-3</td><td></td></tr> <tr><td>IEC 61131-9</td><td></td></tr> </table>	EN 61000-6-2		EN 61000-6-3		IEC 61131-9	
EN 61000-6-2							
EN 61000-6-3							
IEC 61131-9							
Shock resistance	DIN EN 60068-2-27						
Vibration resistance	<table> <tr><td>DIN EN 60068-2-64</td><td></td></tr> <tr><td>DIN EN 60068-2-6</td><td></td></tr> </table>	DIN EN 60068-2-64		DIN EN 60068-2-6			
DIN EN 60068-2-64							
DIN EN 60068-2-6							
MTTF [years]	140						

Mechanical data

Weight [g]	392.5
Materials	housing: PA orange; socket: brass nickel-plated

Displays / operating elements

Display	<table> <tr><td>operation</td><td>1 x LED, green</td></tr> <tr><td>fault</td><td>1 x LED, red</td></tr> <tr><td>function</td><td>1 x LED, yellow</td></tr> </table>	operation	1 x LED, green	fault	1 x LED, red	function	1 x LED, yellow
operation	1 x LED, green						
fault	1 x LED, red						
function	1 x LED, yellow						

Accessories

Accessories (optional)	protective cap for M12 sockets
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Remarks

Pack quantity	1 pcs.
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IO-Link input module

IO-Link Module 10x2 DI M12 IP67

Electrical connection - IO-Link

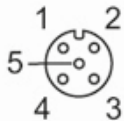
Connector: 1 x M12; coding: A



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

Electrical connection - Inputs

Connector: 10 x M12; coding: A



X1.0...X1.9	
1	Sensor supply + 24 V DC (US)
2	digital input DI2
3	Sensor supply GND (US)
4	digital input DI1
5	not used