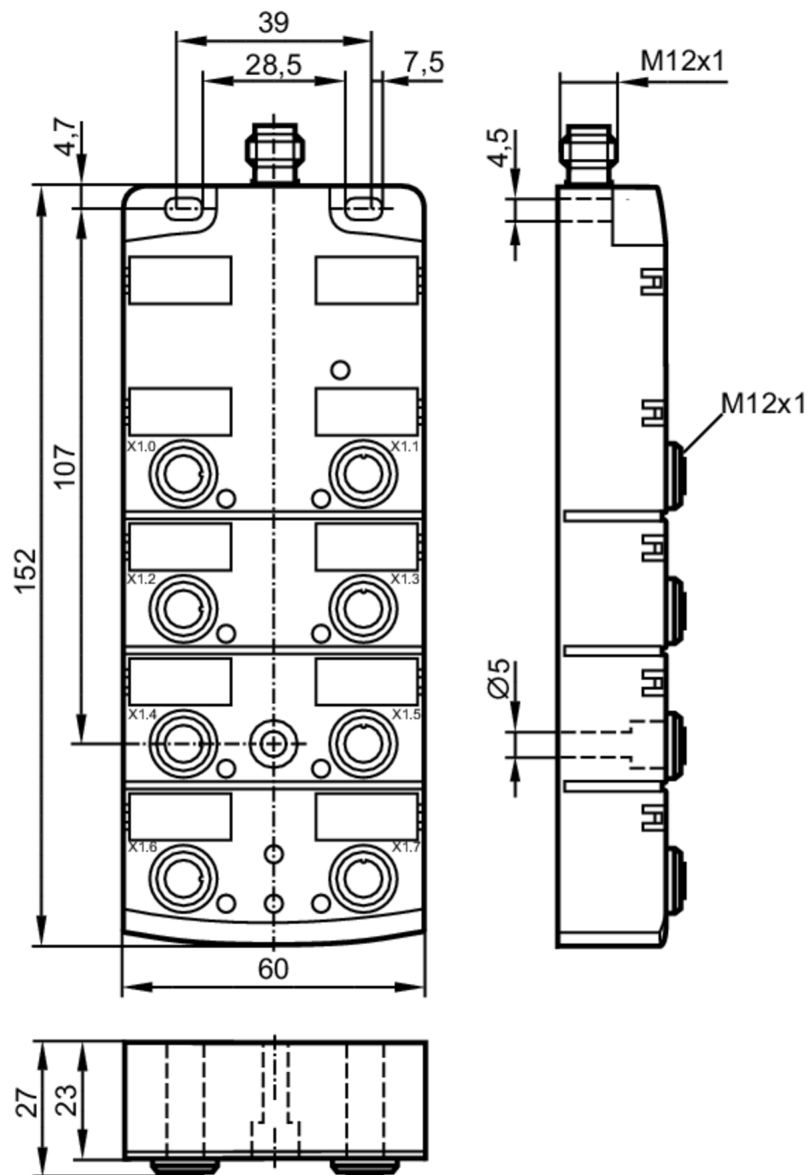


AL2401



IO-Link CompactLine module

IO-Link module 8 x 2 DI IP 67



Electrical data		
Operating voltage	[V]	18...30 DC; (cULus - Class 2 source required)
Current consumption	[mA]	< 50
Sensor supply US		
Current rating per port	[A]	0.1
Inputs / outputs		
Number of inputs and outputs		Number of digital inputs: 16
Inputs		
Number of digital inputs		16; (8 x 2)
Input circuit of digital inputs		PNP



IO-Link CompactLine module

IO-Link module 8 x 2 DI IP 67

Sensor supply of the inputs	IO-Link
Input current limitation [mA]	15
Input current High [mA]	6...10
Input current low [mA]	0...2
Switching level high [V]	> 11
Digital inputs protected against short circuits	yes

Interfaces

Communication interface	IO-Link				
Supported DeviceIDs	<table> <tr> <th>Type of operation</th><th>DeviceID</th></tr> <tr> <td>default</td><td>555</td></tr> </table>	Type of operation	DeviceID	default	555
Type of operation	DeviceID				
default	555				

IO-Link Device	
Transmission type	COM2 (38,4 kBaud)
IO-Link revision	1.1
SDCI standard	IEC 61131-9
SIO mode	no
Process data analog	1
Process data binary	24
Min. process cycle time [ms]	2.9

Operating conditions

Ambient temperature [°C]	-25...70				
Protection	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							
MTTF [years]	164						

Mechanical data

Weight [g]	382.5
Material	PA; Socket: brass nickel-plated; O-ring: FKM
Sealing material	FKM

Displays / operating elements

Display	<table> <tr> <td>Power</td><td>LED, green</td></tr> <tr> <td>errors</td><td>LED, red</td></tr> <tr> <td>Function</td><td>LED, yellow</td></tr> </table>	Power	LED, green	errors	LED, red	Function	LED, yellow
Power	LED, green						
errors	LED, red						
Function	LED, yellow						

Accessories

Accessories (optional)	stainless steel sleeve, for installation in case of high mechanical stress , E70402
------------------------	---

Remarks

Remarks	For use in NFPA 79 Applications only The device is to be operated to IO-Link specification V1.1.2. The maximum cable length of the IO-Link cable is 20 m.
Pack quantity	1 pcs.

AL2401



IO-Link CompactLine module

IO-Link module 8 x 2 DI IP 67

Electrical connection - IO-Link

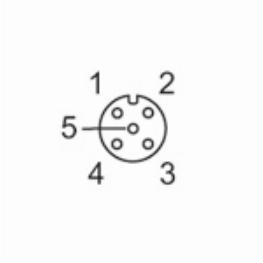
Connector: M12; coding: A



1	UB +
2	not used
3	UB -
4	IO-Link

Electrical connection - Process connection

Connector: M12; coding: A; sealing: FKM



1	Inputs X1.0...X1.7
2	Sensor supply +24 V
3	IN 2
4	Sensor supply 0 V
5	IN 1
5	not used