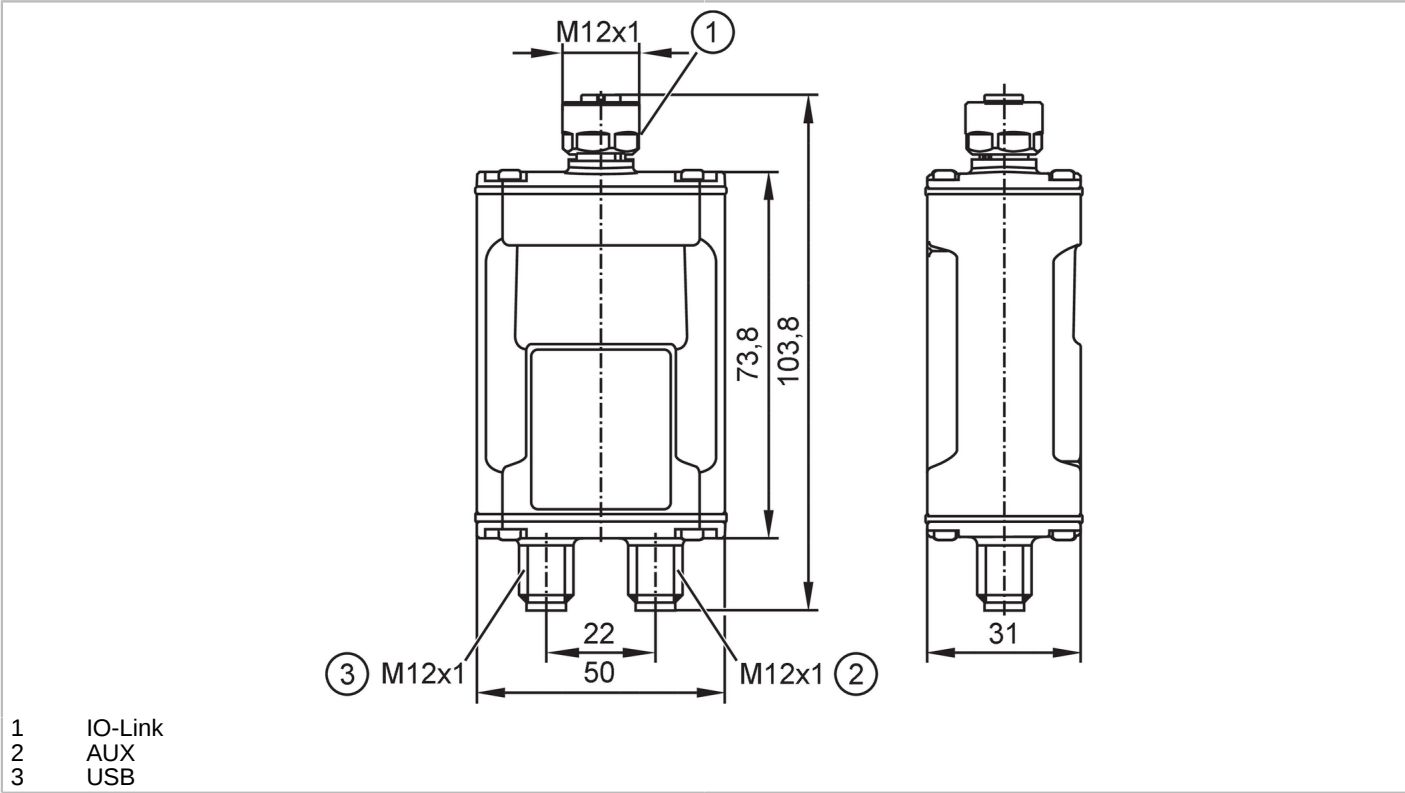




IO-Link interface

IO-Link Master USB 1P IP67

article is delivered without parameter setting software



Application		
Application	parameter setting and analysis of units	
Electrical data		
Nominal voltage DC	[V]	5; (USB)
Current consumption	[mA]	< 1100; (USB)
Protection class		III
Sensor supply		24 V DC
Sensor supply - AUX		
Current rating per port	[A]	0.65
Sensor supply - USB		
Current rating per port	[A]	0.15
Inputs / outputs		
Number of inputs and outputs	Number of digital inputs: 2; Number of digital outputs: 2	
Inputs		
Number of digital inputs	2; (IO-Link port Class A : 1 x 2)	
Switching level high	[V]	11...30
Switching level low	[V]	0...5
Short-circuit protection digital inputs	yes	

AL1060



IO-Link interface

IO-Link Master USB 1P IP67

Outputs		
Number of digital outputs	2; (IO-Link port Class A: 1 x 2)	
Max. current load per output [mA]	150	
Short-circuit proof	yes	
Interfaces		
Communication interface	IO-Link; USB	
Number of USB interfaces	1	
IO-Link Master		
Transmission type	COM1 (4,8 kBaud); COM2 (38,4 kBaud); COM3 (230,4 kBaud)	
IO-Link revision	1.1	
Number of ports class A	1	
USB		
Version	USB 2.0	
Operating conditions		
Ambient temperature [°C]	-25...50	
Storage temperature [°C]	-25...85	
Max. relative air humidity [%]	90	
Protection	IP 65; IP 67	
Tests / approvals		
EMC	DIN EN 61000-6-2	
	DIN EN 61000-6-4	
Shock resistance	DIN EN 60068-2-27	
Vibration resistance	DIN EN 60068-2-64	
	DIN EN 60068-2-6	
MTTF [years]	290	
Mechanical data		
Weight [g]	143.7	
Housing	rectangular	
Dimensions [mm]	103.8 x 50 x 31	
Material	housing: PA; Socket: PA; lock nut: nickel-plated brass	
Sealing material	FKM	
Displays / operating elements		
Display	PWR	1 x LED, green/red voltage supply
	IO-Link	1 x LED, green/red communication
	DI/DO	1 x LED, orange digital input/output
Accessories		
Accessories (optional)	Switched-mode power supply 24 V DC.; M12 A-coded, E80121	
	USB cable: 1 m, E12689	
	Connection cable: 1 m, M12 A-coded, EVC012	
Remarks		
Pack quantity	1 pcs.	



IO-Link interface

IO-Link Master USB 1P IP67

Electrical connection - AUX

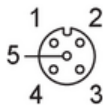
Connector: 1 x M12; coding: A; Contacts: 4



- | | |
|----|--------------|
| 1: | + 24 V DC US |
| 2: | not used |
| 3: | GND US |
| 4: | not used |

Electrical connection - IO-Link

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



- | | |
|----|----------------------|
| 1: | Sensor supply US L+ |
| 2: | digital input/output |
| 3: | Sensor supply US L- |
| 4: | IO-Link (C/Q) |
| 5: | not used |

Electrical connection - USB

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



- | | |
|----|---------------|
| 1: | VBUS + 5 V DC |
| 2: | Data - |
| 3: | Data + |
| 4: | GND |