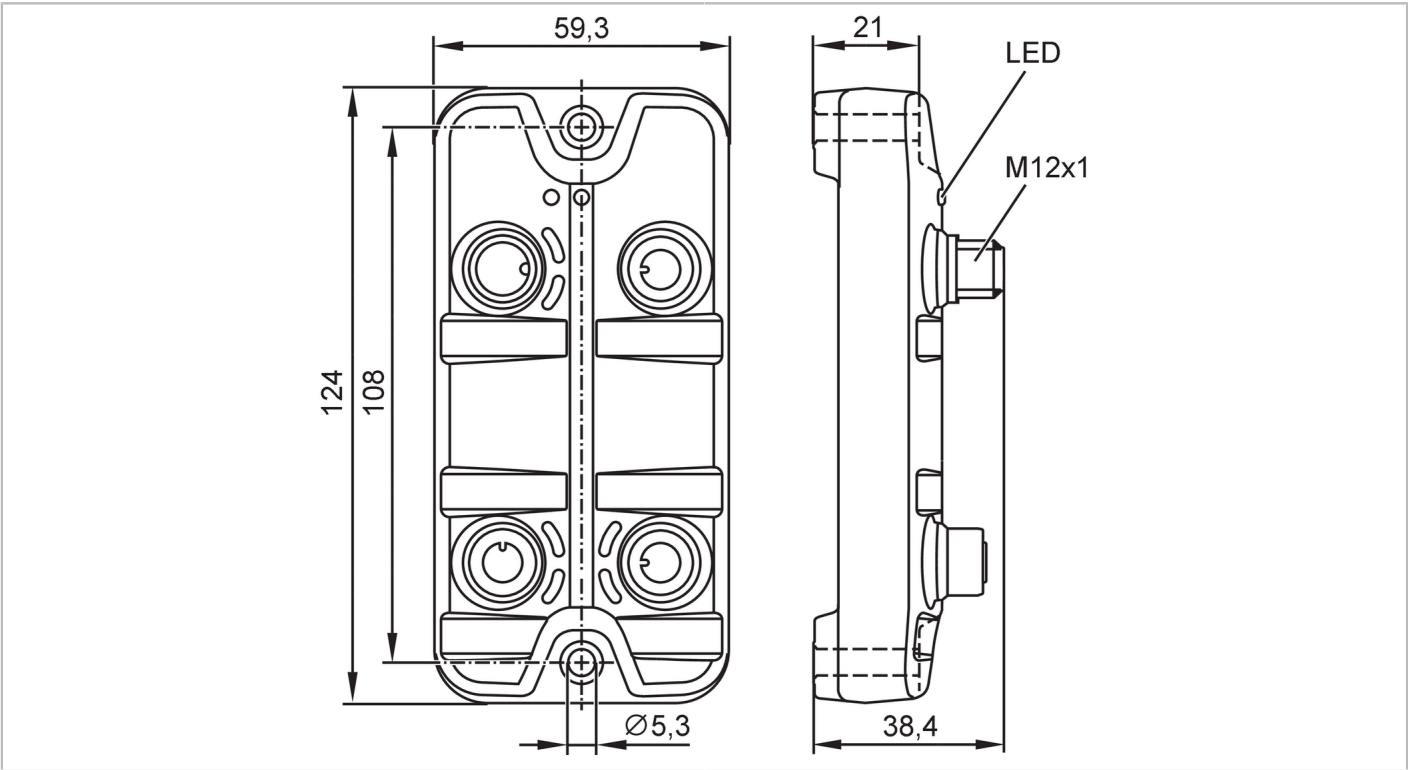


AC6002



IO-Link master with AS-i interface

IO-Link Master AS-i 2P IP67



Application	
Application	field installation
Daisy-chain function	voltage supply; fieldbus interface
Electrical data	
Operating voltage [V]	26...31.6 DC; (AS-i)
Max. current consumption from AS-i [mA]	350
Protection class	III
Max. current load total [A]	0.3; (ports 1+2: 0,3 (AS-i))
Inputs / outputs	
Total number of inputs and outputs	4; (configurable)
Number of inputs and outputs	Number of digital inputs: 4; Number of digital outputs: 2
Inputs	
Number of digital inputs	4; (IO-Link Port Class A: 2 x 2)
Sensor supply of the inputs	AS-i
Switching level high [V]	11...30
Switching level low [V]	0...5
Digital inputs protected against short circuits	yes
Outputs	
Number of digital outputs	2; (IO-Link Port Class A: 2 x 1)
Max. current load outputs total [A]	0.3



IO-Link master with AS-i interface

IO-Link Master AS-i 2P IP67

Short-circuit proof	yes
Actuator supply outputs	AS-i
Interfaces	
Communication interface	IO-Link; AS-i
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	2
Operating conditions	
Ambient temperature [°C]	-25...60
Storage temperature [°C]	-25...85
Max. relative air humidity [%]	90
Protection	IP 65; IP 66; IP 67
Protection rating (NEMA 250)	6P
Pollution degree	2
Chemical media	ISO 16750-5 NEMA 250 5.13.1
	AA, BA, BD, HLP, CC, DB, DC, DD, CA AA
Tests / approvals	
EMC	EN 61000-6-2 EN 61000-6-4
Shock resistance	DIN EN 60068-2-27
Vibration resistance	DIN EN 60068-2-64 2009-04 DIN EN 60068-2-6 2008-10
MTTF [years]	194
AS-i classification	
AS-i version	2.11; 3.0
Extended addressing mode	no
AS-i profile	additional slave (CTT1 input) S-7.3.E
AS-i profile	additional slave (CTT1 output) S-7.3.2
AS-i profile	basic slave (CTT1 input) S-7.4.E
Number of AS-i devices	1...5
Mechanical data	
Weight [g]	235.7
Housing	rectangular
Type of mounting	Backplane mounting
Dimensions [mm]	124 x 59.3 x 38.4
Material	housing: PA orange; Socket: brass nickel-plated
Electrical connection	
Module connection	M12
Remarks	
Remarks	Further information is available in the manual.
Pack quantity	1 pcs.

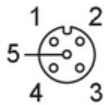


IO-Link master with AS-i interface

IO-Link Master AS-i 2P IP67

Electrical connection - IO-Link

Connector: 2 x M12; coding: A; Contacts: 4



IO-Link Port Class A X01...X02

- | | |
|---|------------------|
| 1 | + 24 V DC (AS-i) |
| 2 | Digital input |
| 3 | GND (AS-i) |
| 4 | C/Q IO-Link |
| 5 | not used |

Electrical connection - voltage supply IN

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

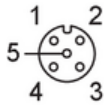


X21

- | | |
|---|---------------|
| 1 | AS-i + |
| 2 | AUX - bridged |
| 3 | AS-i - |
| 4 | AUX + bridged |

Electrical connection - voltage supply OUT

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



X22

- | | |
|---|---------------|
| 1 | AS-i + |
| 2 | AUX - bridged |
| 3 | AS-i - |
| 4 | AUX + bridged |
| 5 | not used |