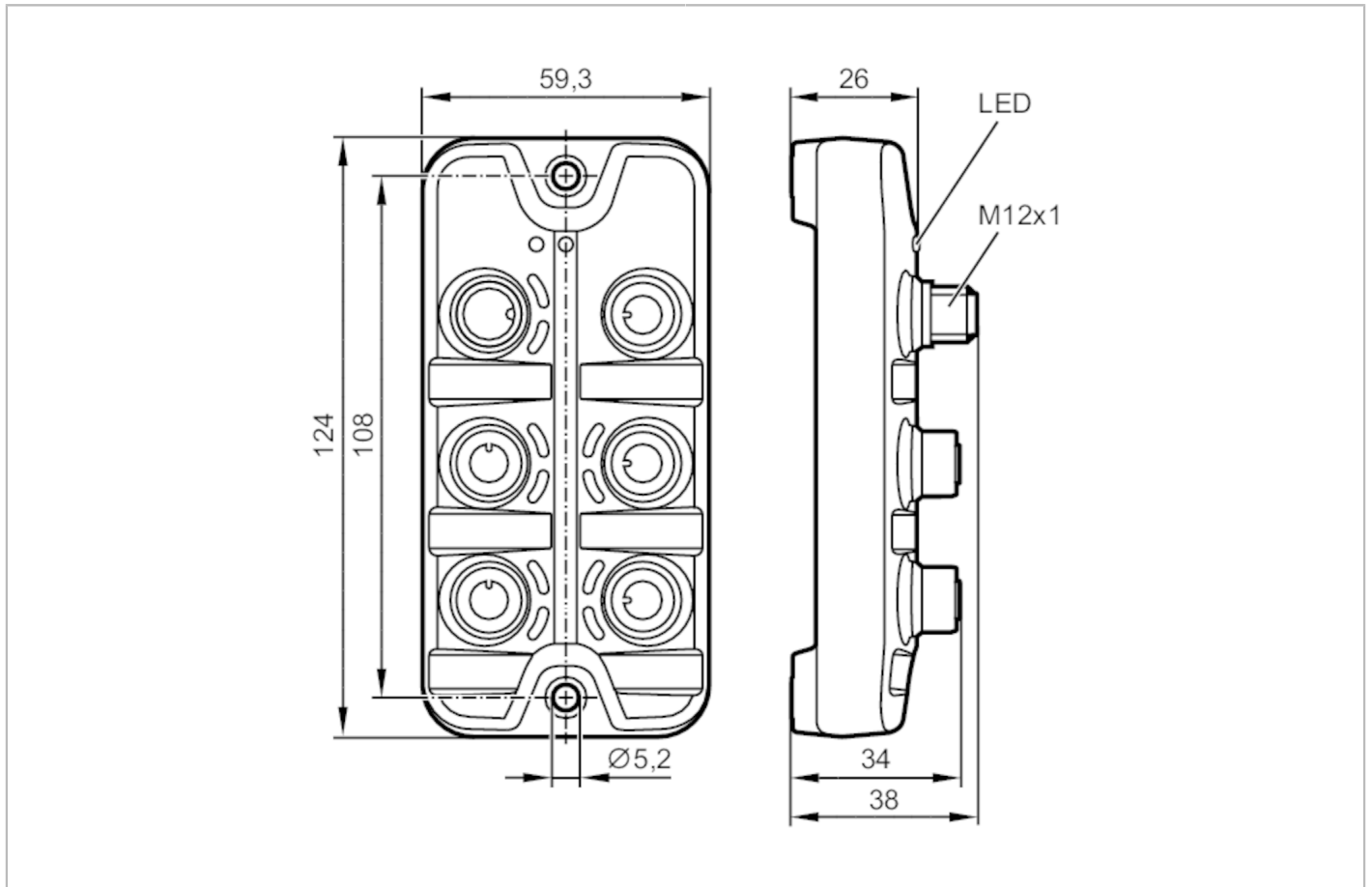


AC6001



IO-Link master with AS-i interface

IO-Link Master AS-i 4P IP69K



Application	
Application	for hygienic and wet areas in the food industry
Daisy-chain function	voltage supply; fieldbus interface
Electrical data	
Operating voltage [V]	18...31.6 DC; (AS-i)
Current consumption [mA]	300...1500; (AUX)
Max. current consumption from AS-i [mA]	100
Protection class	III
Max. current load total [A]	1.1; (ports 1+2: 0,55 (AUX); ports 3+4: 0,55 (AUX))
Additional voltage supply [V]	20...30 DC; (AUX)
Inputs / outputs	
Total number of inputs and outputs	8; (configurable)
Number of inputs and outputs	Number of digital inputs: 8; Number of digital outputs: 4

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IO-Link Master AS-i 4P IP69K

Inputs		
Number of digital inputs	8; (IO-Link Port Class A: 4 x 2)	
Sensor supply of the inputs	AUX	
Switching level high [V]	11...30	
Switching level low [V]	0...5	
Digital inputs protected against short circuits	yes	
Outputs		
Number of digital outputs	4; (IO-Link Port Class A: 4 x 1)	
Max. current load per output [mA]	300	
Short-circuit proof	yes	
Actuator supply outputs	AUX	
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	4	
Operating conditions		
Ambient temperature [°C]	-25...60	
Storage temperature [°C]	-25...85	
Max. relative air humidity [%]	90	
Protection	IP 65; IP 66; IP 67; IP 69K; (operation with stainless steel protective caps: IP 69K)	
Protection rating (NEMA 250)	6P	
Degree of soiling	2	
Chemical media	ISO 16750-5 NEMA 250 5.13.1	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]	161	
AS-i classification		
AS-i version	2.11; 3.0	
Extended addressing mode	no	
AS-i profile	S-7.4.E; (CTT1 input)	
Number of AS-i devices	1...5	
Further AS-i profiles	S-7.3.E	:
	S-7.3.2	:
		CTT1 input CTT1 output
Mechanical data		
Weight [g]	255	
Materials	housing: PA grey; socket: stainless steel (1.4404 / 316L)	



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Electrical connection

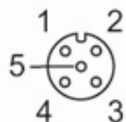
Module connection	M12
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Remarks

Remarks	For further information please see the operating instructions.
Pack quantity	1 pcs.

Electrical connection - Process connection

Connector: 4 x M12



IO-Link Port Class A X01...X04

1	+ 24 V DC (AUX)
2	digital input
3	GND (AUX)
4	C/Q IO-Link
5	not used

Electrical connection - voltage supply IN

Connector: 1 x M12

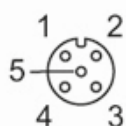


X21

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

Electrical connection - voltage supply OUT

Connector: 1 x M12



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IO-Link master with AS-i interface

IO-Link Master AS-i 4P IP69K

X22

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