

ZZ1060



IO-Link interface

SET AL1060 IO-Link Master USB



Application	
Application	parameter setting and analysis of units
Components	IO-Link master with USB interface: 1, AL1060 Connection cable: 1 m, M12 A-coded, EVC012 USB cable: 1 m, M12 B-coded, E12689
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
Outputs	
Number of digital outputs	2; (IO-Link port Class A : 1 x 2)
Max. current load per output [mA]	150

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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	
Mechanical data		
Weight [g]	388.3	
Materials	housing: PA; socket: PA; lock nut: nickel-plated brass	
Sealing material	FKM	
Displays / operating elements		
Display	PWR	1 x LED, green/red power 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	
Remarks		
Pack quantity	1 pcs.	

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Electrical connection - AUX

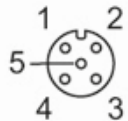
Connector: 1 x M12; coding: A



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

Electrical connection - IO-Link

Connector: 1 x M12; coding: A; 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



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