

ZZ1060



IO-Link interface

SET AL1060 IO-Link Master USB



| Application | |
|---|---|
| Application | parameter setting and analysis of units |
| Components | USB IO-Link master: 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 | |
| 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 | |
| Remarks | | |
| Pack quantity | 1 pcs. | |

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Electrical connection - AUX

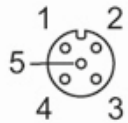
Connector: 1 x M12; coding: A



| | |
|----|--------------|
| 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 |