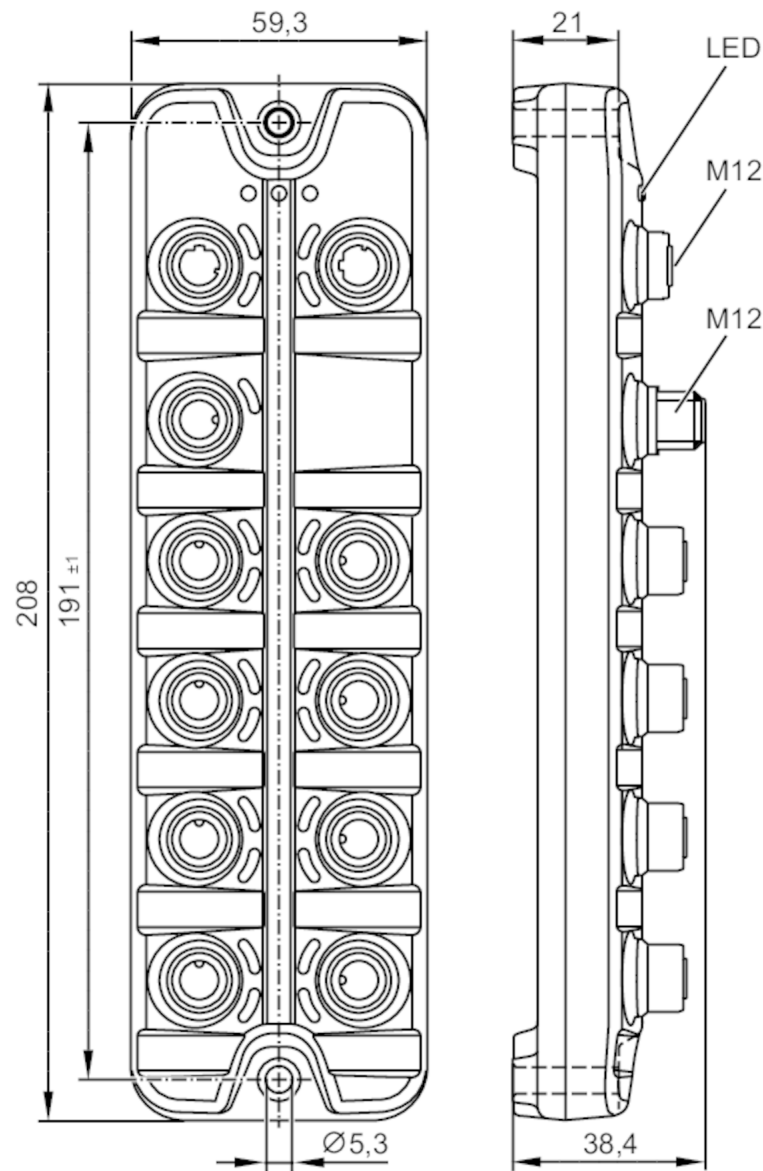


AL1123



IO-Link master with EtherNet/IP interface

IO-Link Master SL EIP 8P IP69K



| Application             |      |                                                      |
|-------------------------|------|------------------------------------------------------|
| Application             |      | hygienic systems; I/O modules for field applications |
| Daisy-chain function    |      | fieldbus interface                                   |
| Electrical data         |      |                                                      |
| Operating voltage       | [V]  | 20...30 DC; (US ; to SELV/PELV)                      |
| Current consumption     | [mA] | 300...3900; (US)                                     |
| Protection class        |      | III                                                  |
| Sensor supply US        |      |                                                      |
| Max. current load total | [A]  | 3.6                                                  |



## IO-Link master with EtherNet/IP interface

IO-Link Master SL EIP 8P IP69K

| Inputs / outputs                                |                                                                                       |                         |
|-------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------|
| Total number of inputs and outputs              | 16; (configurable)                                                                    |                         |
| Number of inputs and outputs                    | Number of digital inputs: 16; Number of digital outputs: 8                            |                         |
| Inputs                                          |                                                                                       |                         |
| Number of digital inputs                        | 16; (IO-Link Port Class A: 8 x 2)                                                     |                         |
| Switching level high [V]                        | 11...30                                                                               |                         |
| Switching level low [V]                         | 0...5                                                                                 |                         |
| Digital inputs protected against short circuits | yes                                                                                   |                         |
| Outputs                                         |                                                                                       |                         |
| Number of digital outputs                       | 8; (IO-Link Port Class A: 8 x 1)                                                      |                         |
| Max. current load per output [mA]               | 300                                                                                   |                         |
| Short-circuit proof                             | yes                                                                                   |                         |
| Interfaces                                      |                                                                                       |                         |
| Communication interface                         | Ethernet; IO-Link                                                                     |                         |
| Ethernet - EtherNet/IP                          |                                                                                       |                         |
| Transmission standard                           | 10Base-T; 100Base-TX                                                                  |                         |
| Transmission rate                               | 10 MBit/s; 100 MBit/s                                                                 |                         |
| Protocol                                        | EtherNet/IP                                                                           |                         |
| Factory settings                                | IP address: 192.168.1.250                                                             |                         |
|                                                 | subnet mask: 255.255.255.0                                                            |                         |
|                                                 | gateway IP address: 0.0.0.0                                                           |                         |
|                                                 | MAC address: see type label                                                           |                         |
| Note on interfaces                              | DHCP, BOOTP, static                                                                   |                         |
|                                                 | DLR (Device Level Ring)                                                               |                         |
|                                                 | Supported network topologies: line                                                    |                         |
|                                                 | ring                                                                                  |                         |
| 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                         | 8                                                                                     |                         |
| 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                                                                                    |                         |
| Pollution degree                                | 2                                                                                     |                         |
| Chemical media                                  | ISO 16750-5                                                                           | HLP, CC, DB, DC, DD, CA |
|                                                 | NEMA 250 5.13.1                                                                       | AA                      |
| Tests / approvals                               |                                                                                       |                         |
| EMC                                             | EN 61000-6-2                                                                          |                         |
|                                                 | EN 61000-6-4                                                                          |                         |
| Shock resistance                                | DIN EN 60068-2-27                                                                     |                         |



IO-Link master with EtherNet/IP interface

IO-Link Master SL EIP 8P IP69K

|                      |                           |    |
|----------------------|---------------------------|----|
| Vibration resistance | DIN EN 60068-2-64 2009-04 |    |
|                      | DIN EN 60068-2-6 2008-10  |    |
| MTTF [years]         |                           | 78 |

| Mechanical data  |  |                                                         |
|------------------|--|---------------------------------------------------------|
| Weight [g]       |  | 409                                                     |
| Housing          |  | rectangular                                             |
| Type of mounting |  | backplane mounting                                      |
| Dimensions [mm]  |  | 208 x 59.3 x 38.4                                       |
| Materials        |  | housing: PA grey; socket: stainless steel (316L/1.4404) |
| Sealing material |  | EPDM                                                    |

| Accessories    |                                                  |
|----------------|--------------------------------------------------|
| Items supplied | Protective cap: 1 x M12, stainless steel, E12542 |

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

Electrical connection - Ethernet

Connector: 2 x M12; coding: D; Sealing: EPDM

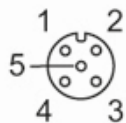


IN / OUT X21, X22

|   |          |
|---|----------|
| 1 | TX +     |
| 2 | RX +     |
| 3 | TX -     |
| 4 | RX -     |
| 5 | not used |

Electrical connection - IO-Link

Connector: 8 x M12; coding: A; Sealing: EPDM



IO-Link Port Class A X01...X08

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



IO-Link master with EtherNet/IP interface

IO-Link Master SL EIP 8P IP69K

Electrical connection - power supply

Connector: 1 x M12; coding: A



| X31 |                |
|-----|----------------|
| 1   | + 24 V DC (US) |
| 2   | not used       |
| 3   | GND (US)       |
| 4   | not used       |