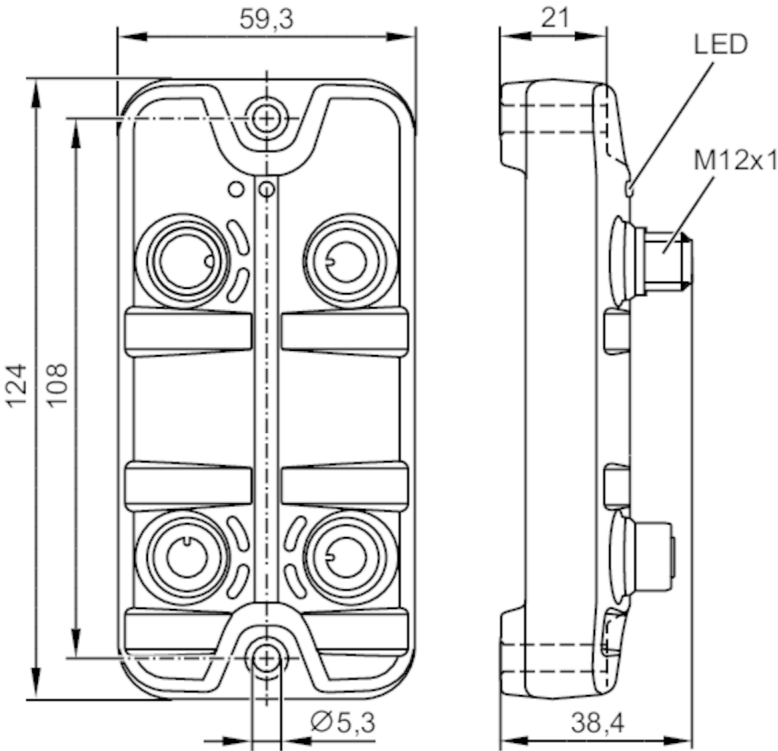




IO-Link master with AS-i interface

IO-Link Master AS-i 2P IP69K



| Application                                     |                                                           |
|-------------------------------------------------|-----------------------------------------------------------|
| Application                                     | hygienic and wet areas in the food industry               |
| Daisy-chain function                            | power 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                                                       |



## IO-Link master with AS-i interface

IO-Link Master AS-i 2P IP69K

| Outputs                             |                                                                                       |                         |
|-------------------------------------|---------------------------------------------------------------------------------------|-------------------------|
| Number of digital outputs           | 2; (IO-Link Port Class A: 2 x 1)                                                      |                         |
| Max. current load outputs total [A] | 0.3                                                                                   |                         |
| 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; 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                                                                     |                         |
| 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                        | basic slave (CTT1 input)                                                              | S-7.4.E                 |
|                                     | additional slave (CTT1 input)                                                         | S-7.3.E                 |
|                                     | additional slave (CTT1 output)                                                        | S-7.3.2                 |
| Number of AS-i devices              | 1...5                                                                                 |                         |
| Mechanical data                     |                                                                                       |                         |
| Weight [g]                          | 242.6                                                                                 |                         |
| Housing                             | rectangular                                                                           |                         |
| Type of mounting                    | backplane mounting                                                                    |                         |
| Dimensions [mm]                     | 124 x 59.3 x 38.4                                                                     |                         |
| Materials                           | housing: PA grey; socket: stainless steel (316L/1.4404)                               |                         |
| Electrical connection               |                                                                                       |                         |
| Module connection                   | M12                                                                                   |                         |



IO-Link master with AS-i interface

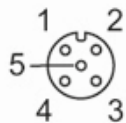
IO-Link Master AS-i 2P IP69K

Remarks

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

Electrical connection - IO-Link

Connector: 2 x M12; coding: A



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 - power supply IN

Connector: 1 x M12; coding: A

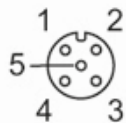


X21

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

Electrical connection - power supply OUT

Connector: 1 x M12; coding: A



X22

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