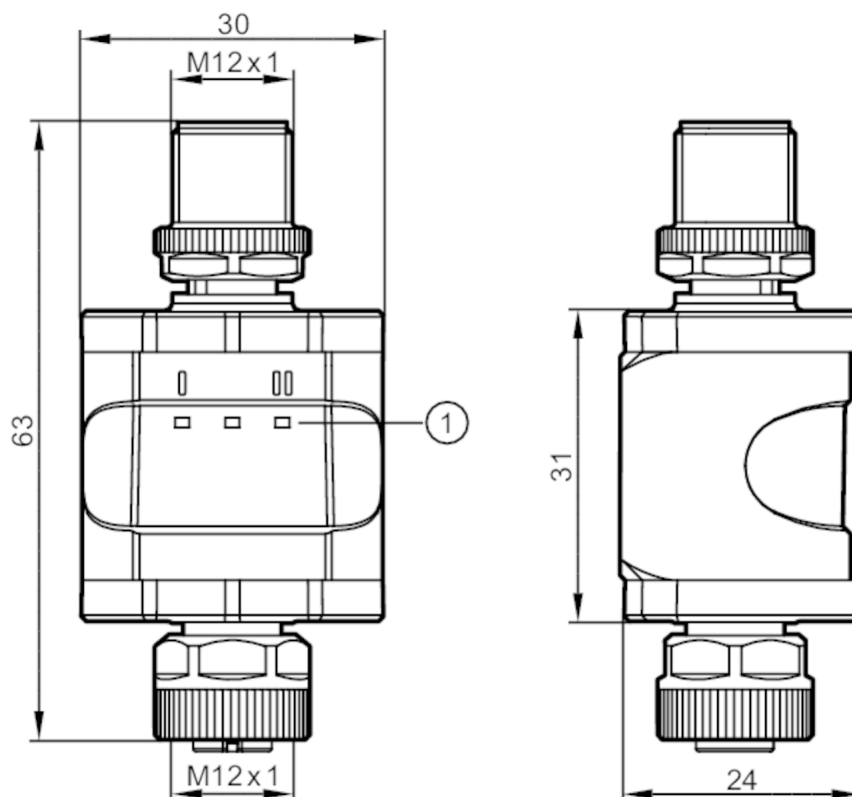


# E30446



## IO-Link Bluetooth adapter

IO-LINK INLINE BLUETOOTH ADAPTER



1 LEDs



### Application

|                    |                                                                                                               |
|--------------------|---------------------------------------------------------------------------------------------------------------|
| System             | gold-plated contacts                                                                                          |
| Radio approval for | USA; EU; Iceland; Liechtenstein; Norway; Switzerland; Namibia; Brazil; China; Australia; India; Canada; Japan |

### Electrical data

|                             |            |
|-----------------------------|------------|
| Operating voltage [V]       | 18...30 DC |
| Current consumption [mA]    | < 50       |
| Protection class            | III        |
| Reverse polarity protection | yes        |

### Software / programming

|                           |                         |
|---------------------------|-------------------------|
| Parameter setting options | process value recording |
|---------------------------|-------------------------|

### Interfaces

|                         |                                             |
|-------------------------|---------------------------------------------|
| Communication interface | IO-Link; Bluetooth                          |
| Note on interfaces      | BLE 4.0; BLE 4.1; BLE 4.2; EDR 2.0; EDR 2.1 |

### IO-Link Device

|                            |                                                         |
|----------------------------|---------------------------------------------------------|
| Transmission type          | COM1 (4,8 kBaud); COM2 (38,4 kBaud); COM3 (230,4 kBaud) |
| IO-Link revision           | 1.0; 1.1                                                |
| SDCI standard              | IEC 61131-9                                             |
| Required master port class | A                                                       |

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## IO-Link Bluetooth adapter

IO-LINK INLINE BLUETOOTH ADAPTER

| Operating conditions                                                                |                                                                              |                   |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------|-------------------|
| Ambient temperature                                                                 | [°C]                                                                         | -25...60          |
| Storage temperature                                                                 | [°C]                                                                         | -25...70          |
| Protection                                                                          |                                                                              | IP 67             |
| Tests / approvals                                                                   |                                                                              |                   |
| EMC                                                                                 | DIN EN 61000-6-2                                                             |                   |
|                                                                                     | DIN EN 61000-6-4                                                             |                   |
| Shock resistance                                                                    | DIN EN 60068-2-27                                                            | 15 g (6 ms)       |
| Vibration resistance                                                                | DIN EN 60068-2-6                                                             | 2 g (10...150 Hz) |
| MTTF                                                                                | [years]                                                                      | 285               |
| Mechanical data                                                                     |                                                                              |                   |
| Weight                                                                              | [g]                                                                          | 88.5              |
| Material                                                                            | stainless steel (1.4404 / 316L); brass (2.0401); PA; PBT; FKM; sealing: FKM; |                   |
| Displays / operating elements                                                       |                                                                              |                   |
| Display                                                                             | Power                                                                        | 1 x LED, green    |
|                                                                                     | IO-Link                                                                      | 1 x LED, yellow   |
|                                                                                     | Bluetooth                                                                    | 1 x LED, blue     |
| Remarks                                                                             |                                                                              |                   |
| Pack quantity                                                                       | 1 pcs.                                                                       |                   |
| Electrical connection                                                               |                                                                              |                   |
| Electrical connection - plug                                                        |                                                                              |                   |
| Connector: 1 x M12; Contacts: gold-plated                                           |                                                                              |                   |
|  |                                                                              |                   |
| 1                                                                                   | L+ supply                                                                    |                   |
| 2                                                                                   | OUT2                                                                         |                   |
| 3                                                                                   | L- supply                                                                    |                   |
| 4                                                                                   | OUT1                                                                         |                   |
| Electrical connection - socket                                                      |                                                                              |                   |
| Connector: 1 x M12; Contacts: gold-plated                                           |                                                                              |                   |
|  |                                                                              |                   |

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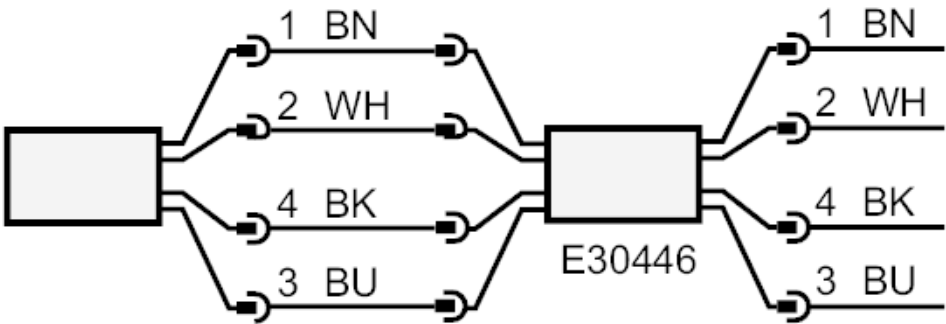
## IO-Link Bluetooth adapter

IO-LINK INLINE BLUETOOTH ADAPTER

|   |           |
|---|-----------|
| 1 | L+ supply |
| 2 | OUT2      |
| 3 | L- supply |
| 4 | OUT1      |

### Electrical connection

#### Connection



|       |                             |
|-------|-----------------------------|
| OUT1: | IO-Link                     |
|       | Colours to DIN EN 60947-5-2 |
|       | Core colors :               |
| BK =  | black                       |
| BN =  | brown                       |
| BU =  | blue                        |
| WH =  | white                       |