

E-BOX IO-LINK, 1 illuminated pushbutton, frontring metallic silver, bezel transparent

NEW


fields of application

- Measurement-control-regulation
- Mechanical and system engineering
- Construction machinery
- Industrial robots
- Model construction
- Home technology



description

Our IO-LINK products offer you a comfortable start and can be quickly integrated into your existing environment by using standardized M12 connectors. Simply connected and individually parameterized, our control and signaling devices open up countless possibilities. With the IO-LINK versions of the TILTED DIAMOND+ and E-BOX you are already prepared by today for the challenges of tomorrow.

Assembly

- By mounting clip on aluminum profile
- Mounting clip screwable onto other surfaces

Parameterization

- Night mode with different brightness levels
- Flexible color selection: 5 standard colors plus 3 freely selectable RGB color
- 4 different flashing modes
- Can be diagnosed via the controller

More information: rafi.de/en/io-link/

Product video E-BOX IO-LINK: youtube.com/watch

Product video TILTED DIAMOND+ IO-LINK: youtube.com/watch

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technical data

➤ general

The information in this data sheet only contains general descriptions and / or performance features, which may not apply precisely as described to the respective application, and which may change due to further product enhancements. The technical data, illustrations and other information about our products are the mere results of individual technical testing. These descriptions and other product features are only binding if they expressly agreed upon at the time of the conclusion of a binding contract. In all other cases, we reserve the right to make technical changes as well as changes of availability. Pictures and other graphic illustrations are approximations only. All product names may be trademarks or brand names of the RAFI Group or any other sub-supplier of RAFI. The use of such by any third parties for their own purposes may infringe the rights of the respective entity holding those rights.

date: Mar 17, 2021 page: 1/4

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| | |
|---|--|
| Actuator position 1 | Illuminated pushbutton |
| Color | light gray |
| Bezel color | transparent |
| Property of bezel / mushroom | transparent |
| Front ring color | metallic silver |
| Luminous element color | RGB |
| Collar shape | round |
| Operating temperature, min. | -30 °C |
| Storage temperature, min. | -40 °C |
| Operating temperature, max. | 60 °C |
| Storage temperature, max. | 80 °C |
| illuminated | Yes |
| Luminous elements | LED |
| Packaging | Box |
| Packaging unit | 1 pcs. |
| Degree of protection, front side, according to DIN EN 60529 | IP65 |
| Degree of protection, rear side, according to DIN EN 60529 | IP65 |
| Shock resistance according to standard IEC 60068-2-27 | 50 g at 11 ms amplitude semi-sinusoidal |
| oscillation resistance according to standard IEC 60068-2-6 | 5 g at 10...500 Hz |
| MOQ order | 1 pcs. |
| EMC | DIN EN 61000-6-2 Interference immunity industry DIN EN 61000-6-3 Interference emission living area DIN EN 61131-9 Single-drop digital communication interface (SDCI) |
| IO-Link version | Interface and System Specification 1.1.2 |
| communication mode IO-Link | COM2 / 38,4 kBaud |
| cycle time | 5 ms |
| Firmware Update | Yes over IO-Link Master |
| Pollution degree acc. to DIN EN 61010-1 | Pollution degree 2 |
| RoHS compliant | Yes |
| REACH compliant | Yes |
| > mounting diameters | |
| Outside dimension, length | 123.2 mm |
| Outside dimension, width | 40 mm |
| Outside dimension, height | 35.6 mm |
| > mechanical data | |
| Actuation function | momentary contact function |
| Fixing | Assembly clip |
| Terminal on the rear | M12 4-pin A-coded |
| PIN 1 | L+ |
| PIN 2 | - |
| PIN 3 | L- |

direct links[> RAFI eCatalog](#)

PIN 4

C/Q

> electrical data

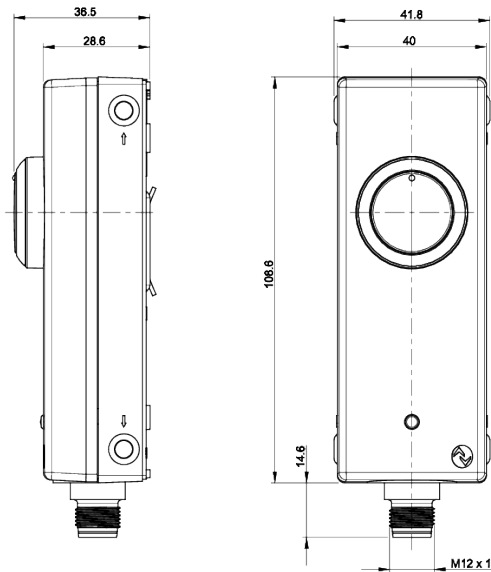
| | |
|-------------------------|--------|
| Operating voltage, min. | 19.2 V |
| Operating voltage, max. | 28.8 V |
| Rated operating voltage | 24 V |
| Operating current, max. | 100 mA |

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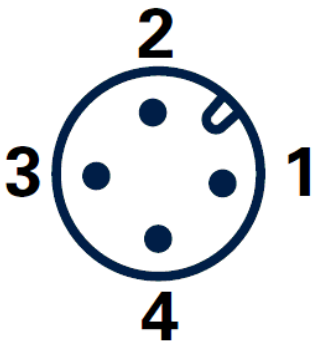


drawings

Dimensioned drawing



Connection drawing



- | | |
|----------|------|
| 1 | L+ |
| 2 | n.c. |
| 3 | L- |
| 4 | C/Q |

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