# 1.24.100.001/0000



# E-BOX IO-LINK, 1 illuminated pushbutton, momentary contact function, frontring metallic silver, 1 NO, bezel transparent



#### 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

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 -30 °C Operating temperature, min. Operating temperature, max. 60 °C Storage temperature, min. -40 °C Storage temperature, max. 80°C illuminated Yes Luminous elements LED Packaging Box Packaging unit 1 pcs. net weight 114.9 g

Operating life 1,000,000 cycles

Degree of protection, front side,

according to DIN EN 60529

Degree of protection, rear side,

according to DIN EN 60529

Shock resistance according to

standard IEC 60068-2-27

oscillation restistance according

to standard IEC 60068-2-6

MOQ order 1 pcs.

**EMC** DIN EN 61000-6-2 Interference immunity industry

IP65

**IP65** 

DIN EN 61000-6-3 Interference emission living area DIN EN 61131-9 Single-drop digital communication

50 g at 11 ms amplitude semi-sinusoidal

interface (SDCI)

Pollution degree 2

5 g at 10...500 Hz

IO-Link version Interface and System Specification 1.1.2

communication mode IO-Link COM2 / 38.4 kBaud

cycle time

Firmware Update Yes over IO-Link Master

Pollution degree acc. to DIN EN

61010-1

RoHS compliant Yes **REACH** compliant Yes

> mounting diameters

Outside dimension, length 123.2 mm 40 mm Outside dimension, width Outside dimension, height 35.6 mm

mechanical data

Actuation function momentary contact function direct links

> RAFI eCatalog

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 my 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

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Contact function 1 NO

Fixing Assembly clip

Terminal on the rear M12 4-pin A-coded

PIN 1 L+
PIN 2 PIN 3 LPIN 4 C/Q

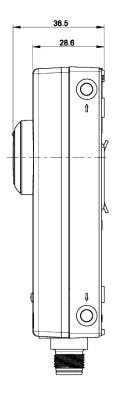
> electrical data

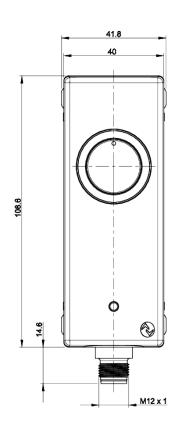
Operating voltage, min. 19.2 V
Operating voltage, max. 28.8 V
Voltage type DC
Rated operating voltage 24 V
Operating current, max. 100 mA



## drawings

## **Dimensioned drawing**





#### Connection drawing

