

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](https://www.youtube.com/watch)

Product video TILTED DIAMOND+ IO-LINK: [youtube.com/watch](https://www.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.

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RAFI GmbH & Co. KG

Ravensburger Str. 128-134
88276 Berg / Ravensburg
Germany
www.rafi.de, info@rafi.de

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

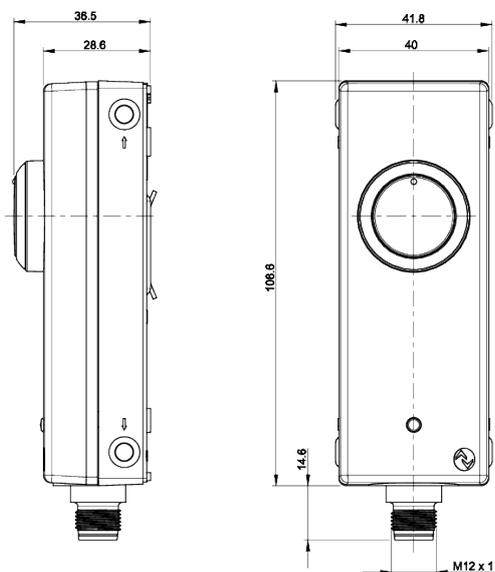
Operating voltage, min.	19.2 V
Operating voltage, max.	28.8 V
Rated operating voltage	24 V
Operating current, max.	100 mA

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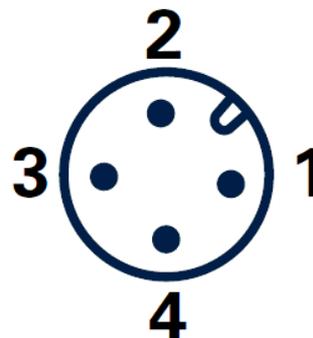


drawings

Dimensioned drawing



Connection drawing



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



The Netherlands



Elektrostraat 17
NL-7483 PG Haaksbergen

T: +31 (0)53 573 33 33
F: +31 (0)53 573 33 30
E: nl@texim-europe.com

Belgium



Zuiderlaan 14 bus 10
B-1731 Zellik

T: +32 (0)2 462 01 00
F: +32 (0)2 462 01 25
E: belgium@texim-europe.com

UK & Ireland



St. Mary's House, Church Lane
Carlton Le Moorland
Lincoln LN5 9HS

T: +44 (0)1522 789 555
F: +44 (0)845 299 22 26
E: uk@texim-europe.com

Germany North



Bahnhofstrasse 92
D-25451 Quickborn

T: +49 (0)4106 627 07-0
F: +49 (0)4106 627 07-20
E: germany@texim-europe.com

Germany South



Martin-Kollar-Strasse 9
D-81829 München

T: +49 (0)89 436 086-0
F: +49 (0)89 436 086-19
E: germany@texim-europe.com

Austria



Warwitzstrasse 9
A-5020 Salzburg

T: +43 (0)662 216 026
F: +43 (0)662 216 026-66
E: austria@texim-europe.com

Nordic region



Sdr. Jagtvej 12
DK-2970 Hørsholm

T: +45 88 20 26 30
F: +45 88 20 26 39
E: nordic@texim-europe.com

Italy



Via Matteotti 43
IT-20864 Agrate Brianza (MB)

T: +39 (0)39 971 3293
F: +39 (0)39 971 3293
E: italy@texim-europe.com

General information



info@texim-europe.com
www.texim-europe.com