

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

technical data

> general

Actuator position 1	Illuminated pushbutton	direct links > RAFI eCatalog
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	
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	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 restistance 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	

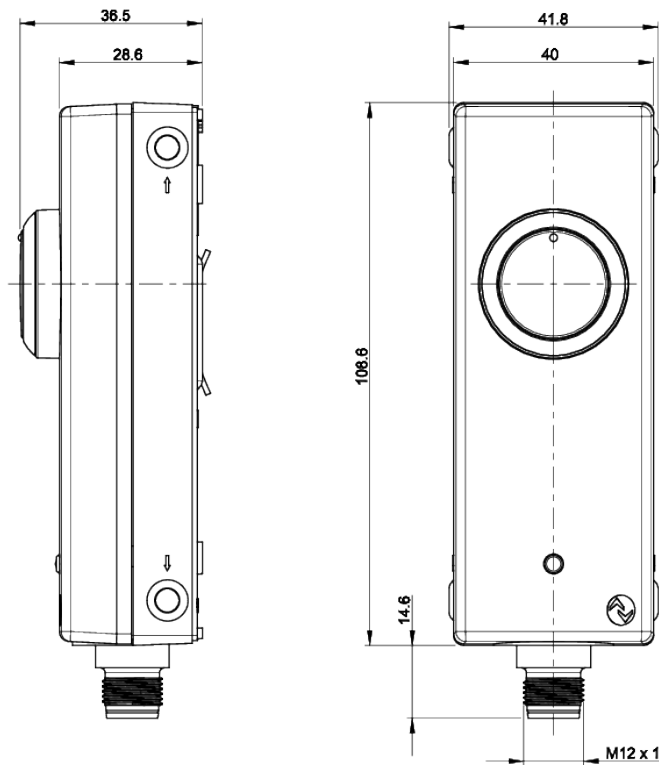
Contact function	1 NO
Fixing	Assembly clip
Terminal on the rear	M12 4-pin A-coded
PIN 1	L+
PIN 2	-
PIN 3	L-
PIN 4	C/Q

> 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

