

Signal lamp TILTED DIAMOND+ IO-LINK, lamp RGB, 24 Volt, bezel transparent, M12 4-pin A-coded



fields of application

- > Measurement-control-regulation
- > Electrical engineering
- > Mechanical and system engineering
- > Signalling systems
- > Vehicle construction
- > Industrial robots
- > Model construction



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.

The ultra-bright signal lamp is quickly mounted and vibration resistant.

Assembly

Screw connection from below

Optional with mounting tube and foot

Parameterization

Night mode with different brightness level

Flexible color selection: 5 standard colors plus 3 freely selectable RGB colors

8 different flashing modes

Can be diagnosed via the control

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



direct links

> RAFI eCatalog

technical data

> general Color

black

Bezel color transparent

Property of bezel / mushroom transparent

Luminous element color **RGB**

Bezel shape convex

Collar shape round

Operating temperature, min. 60 °C Operating temperature, max.

Storage temperature, min. -40 °C

illuminated Yes

Luminous elements **LED** Packaging Box

Packaging unit 1 pcs.

net weight 61.2 g

Degree of protection, front side, IP66

according to DIN EN 60529 IP67

Degree of protection, rear side,

according to DIN EN 60529

Storage temperature, max.

08 side shock resistance

08 frontal

IP65

-30 °C

85 °C

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)

Pollution degree 2

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

RoHS compliant Yes

REACH compliant Yes

> mounting diameters

Outside dimension, length 56.8 mm Outside dimension, width 56.8 mm Outside dimension, height 84.6 mm Mounting depth 14.5 mm 70.1 mm Installation height

Collar dimension > mechanical data

> Fixing Screw

Terminal on the rear M12 4-pin A-coded

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

56.8 mm

purposes may infringe the rights of the respective entity holding those rights. date: Feb 28, 2024 page: 2/5

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

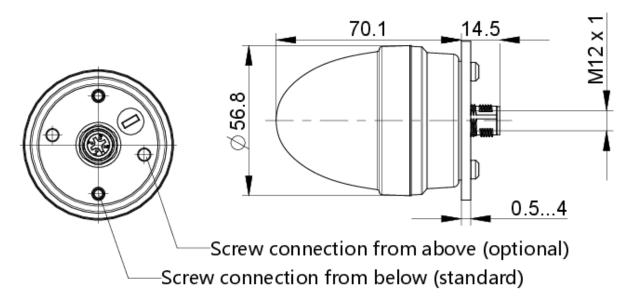
> electrical data

Operating voltage, min. 19.2 V
Operating voltage, max. 28.8 V
Rated operating voltage 24 V
Operating current, max. 120 mA

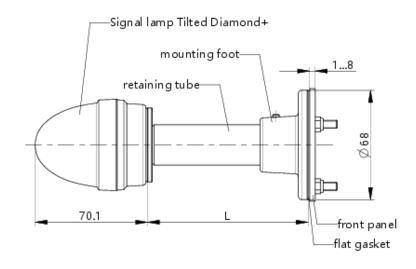


drawings

Dimensioned drawing



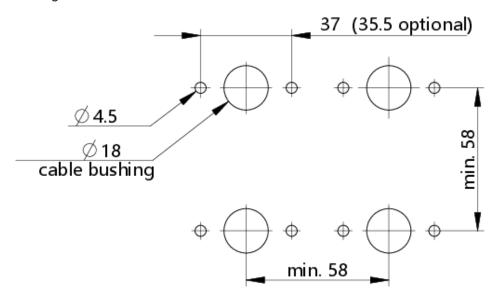
System drawing



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Mounting hole drawing



Connection drawing

