

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

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NEW

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

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technical data



technical data		
> general		
Color	black	direct links
Bezel color	transparent	RAFI eCatalog
Property of bezel / mushroom	transparent	
Luminous element color	RGB	
Bezel shape	convex	
Collar shape	round	
Operating temperature, min.	-30 °C	
Storage temperature, min.	-40 °C	
Operating temperature, max.	60 °C	
Storage temperature, max.	85 °C	
illuminated	Yes	
Luminous elements	LED	
Packaging	Box	
Packaging unit	1 pcs.	
Degree of protection, front side,	IP66	
according to DIN EN 60529	IP67	
Degree of protection, rear side,	IP65	
according to DIN EN 60529		
shock resistance	08 frontal	
	08 side	
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	Pollution degree 2	
61010-1		
RoHS compliant	Yes	
REACH compliant	Yes	
> mounting diameters		
Mounting depth	14.5 mm	
Installation height	70.1 mm	
Outside dimension, length	56.8 mm	
Outside dimension, width	56.8 mm	
Outside dimension, height	84.6 mm	
Collar dimension	56.8 mm	
> mechanical data		
Fixing	Screw	
Terminal on the rear	M12 4-pin A-coded	
PIN 1	L+	

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	PIN 2	-
	PIN 3	L-
	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.	120 mA

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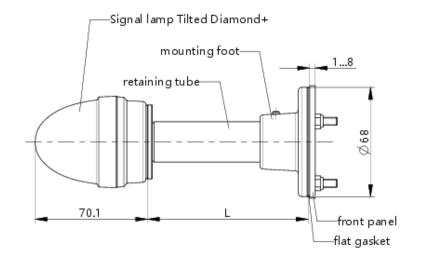
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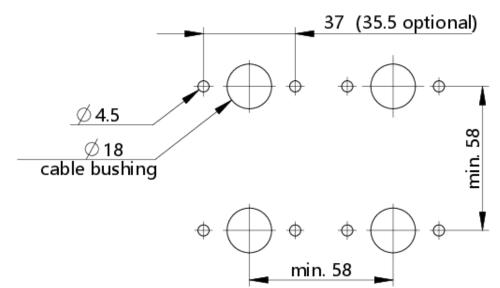


drawings

System drawing



Mounting hole drawing



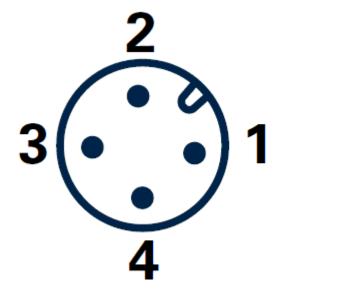
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Connection drawing



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

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