

Tilted Diamond⁺ M12 signal lamp, 24 Volt, bezel green, 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

special features

- Special refracted light effect due to diamond lens
- Diffuser lens designed by cult designer Luigi Colani
- > Long-lasting and ultra-bright SMT LEDs
- Energy efficient: low electricity consumption
- Low-maintenance: particularly shockresistant, no bulb replacement necessary
- Terminal with M12 plug or direct wiring with CAGE CLAMP[®]
- Accessory program: extension support tubes in different lengths
- Available colors: red, yellow, green, blue, transparent/white

description

RAFI has further refined the Tilted Diamond signal lamp, developed in collaboration with Luigi Colani. The result: Tilted Diamond⁺, which is also very easy to assemble, thanks to the M12 or CAGE CLAMP[®] terminal.

To achieve outstanding illumination, we have optimized the light refraction. Its uniform, all-round high visibility makes the signal lamp even easier to see from a distance, so you can respond even faster in an emergency. In line with everyday requirements in industrial environments, this signal lamp is especially sustainable and shock-resistant. In addition, the bright LEDs are energy efficient and do not have to be replaced. The resulting overall package, for many fields of application, will exceed your expectations.

technical data

| > | general | | |
|---|------------------------------|-------------|-----------------|
| | Color | black | direct links |
| | Bezel color | green | ➤ RAFI eCatalog |
| | Property of bezel / mushroom | translucent | |
| | Bezel shape | convex | |
| | Collar shape | round | |
| | Operating temperature, min. | -30 °C | |
| | Operating temperature, max. | 60 °C | |
| | Storage temperature, min. | -40 °C | |
| | Storage temperature, max. | 85 °C | |

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| | 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 | IP65 | |
| | Impact resistance IK | 08 side | |
| | | 08 frontal | |
| | MOQ order | 10 pcs. | |
| | 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 | |
| | Installation height | 70.1 mm | |
| | Collar dimension | 56.8 mm | |
| > | mechanical data | | |
| | Fixing | Screw | |
| | Terminal on the rear | M12 4-pin A-coded | |
| | PIN 1 | - | |
| | PIN 2 | - | |
| | PIN 3 | GND | |
| | PIN 4 | | |
| > | | LED + | |
| 1 | electrical data | LED + | |
| | | 20 V | |
| | electrical data Operating voltage of the luminous | | |
| | electrical data Operating voltage of the luminous element, min. | 20 V | |
| | electrical data Operating voltage of the luminous element, min. Operating voltage of the luminous | 20 V | |
| | electrical data Operating voltage of the luminous element, min. Operating voltage of the luminous element, max. | 20 V 28 V | |
| | electrical data Operating voltage of the luminous element, min. Operating voltage of the luminous element, max. Voltage type | 20 V 28 V DC | |

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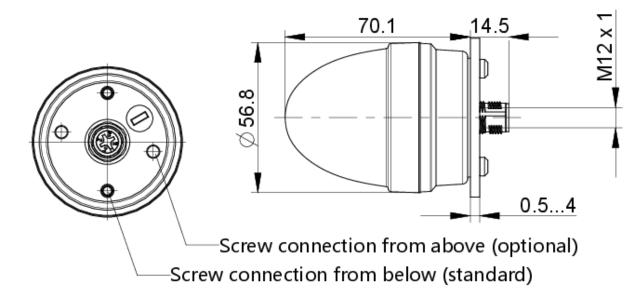
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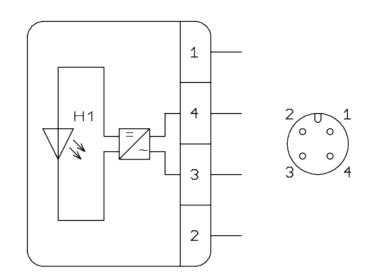


drawings

Dimensioned drawing



Schematic diagram



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