

# TILTED DIAMOND<sup>+</sup>3 signal lamp, lamp red / yellow / green, 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

**RAFI** has further refined the Tilted Diamond signal lamp, developed in collaboration with Luigi Colani. The result: Tilted Diamond<sup>+</sup>, which is also very easy to assemble, thanks to the M12 or CAGE CLAMP<sup>®</sup> 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 direct links Color black > RAFI eCatalog Bezel color transparent Property of bezel / mushroom transparent Luminous element color red / yellow / green Bezel shape convex Collar shape round -30 °C Operating temperature, min. 60 °C Operating temperature, max. -40 °C Storage temperature, min. Storage temperature, max. 85 °C illuminated Yes Luminous elements LED Packaging Box Packaging unit 1 pcs. net weight 62.2 g Degree of protection, front side, **IP66** according to DIN EN 60529 IP67

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 purposes may infringe the rights of the respective entity holding those rights. **date**: Jun 25, 2024 **page**: 1/4

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technical data sheet

# 1.69.010.005/0000



	Degree of protection, rear side,	IP65
	according to DIN EN 60529	00 - 11-
	shock resistance	08 side 08 frontal
	MOO ander	
	MOQ order	10 pcs.
	RoHS compliant	Yes
	REACH compliant	Yes
>	3	
	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	LED red
	PIN 2	LED green
	PIN 3	GND
	PIN 4	LED yellow
>	electrical data	
	Operating voltage of the luminous	20 V
	element, min.	
	Operating voltage of the luminous	28 V
	element, max.	
	Voltage type	DC
	Rated operating voltage	20-28 V
	Power loss	2.18680 W

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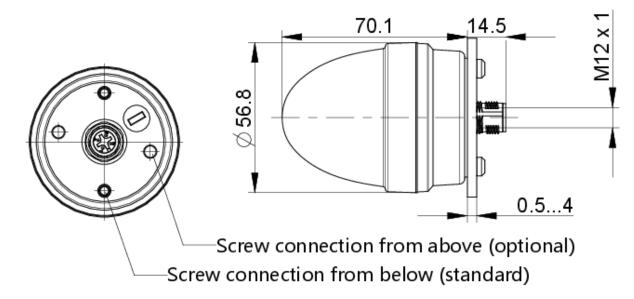
### technical data sheet

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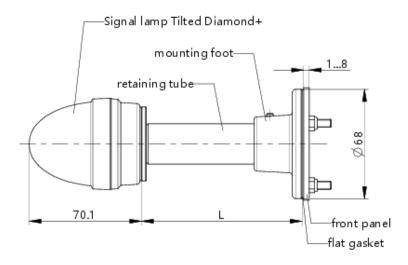


# drawings

## Dimensioned drawing



#### System drawing



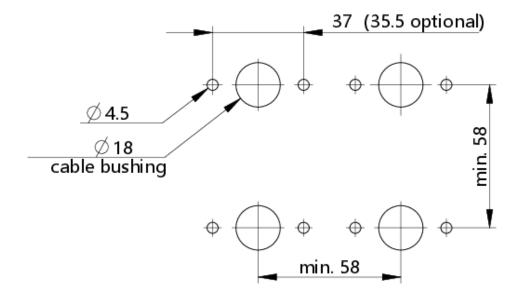
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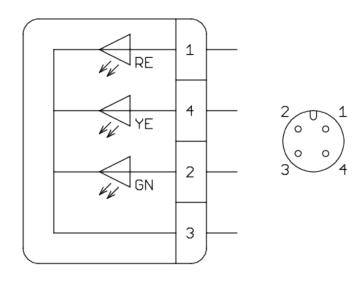
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### Mounting hole drawing



Schematic diagram



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