

Illuminated pushbutton 9.1 mm, with included LED, momentary contact function, 1 NC + 1 NO, bezel yellow



fields of application

- > Mechanical and system engineering
- > Model construction
- > Home technology

CE 🗷

description

Mounting hole diameter 9.1 mm, max. 24 V / 500 mA, with integrated LED / filament lamp

Recommended values for LED series resistor

5 - 7 V = 270 Ohm , 0.25 W 12 - 14 V = 680 Ohm, 0.5 W 24 - 28 V = 1500 Ohm, 1 W

LED forward current: max. 10 mA at T = 25° C

LED forward voltage: 2 V at 10 mA

LED reverse voltage: 5 V

LED reverse current: 0.1 mA

LED power dissipation: max. 120 mW at T = 50° C

Contact assignment: 1-2 = normally closed, 3-4 = normally open, X1-X2 = LED.

Observe correct polarity: positive to LED anode, the anode is marked with a colored dot.

technical data

> general

Bezel color	yellow
Property of bezel / mushroom	transparent
Collar shape	round
Operating temperature, min.	-25 °C
Operating temperature, max.	55 °C
Storage temperature, min.	-40 °C
Storage temperature, max.	2° 08
illuminated	Yes

direct links

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Ravensburger Str. 128-134 88276 Berg / Ravensburg Germany www.rafi-group.com, info.headquarters@rafi-group.com technical data sheet

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	Luminous elements	LED
	Soldering time for manual	3 sec
	soldering, max.	
	Soldering temperature for manual	350 °C
	soldering	
	Soldering	Manual soldering
	Packaging	Box
	Packaging unit	10 pcs.
	net weight	2.2 g
	Operating life	200,000 cycles
	B10	260,000 cycles
	Degree of protection, front side,	IP40
	according to DIN EN 60529	
	MOQ order	50 pcs.
	RoHS compliant	Yes
	REACH compliant	Yes
>	mounting diameters	
	Outside dimension, length	11 mm
	Outside dimension, width	11 mm
	Outside dimension, height	32 mm
	Mounting hole	9.1 mm
	Mounting depth	25 mm
	Installation height	7 mm
>	mechanical data	
	Actuation function	momentary contact function
	Operating force, min.	5 N
	Operating travel, max.	1.5 mm
	Contact function	1 NC + 1 NO
	Contact system	Bridge contact
	Contact material	Gold
	Fixing	Threaded ring
	Solderability	Yes
	Terminal on the rear	Solder terminal
>	electrical data	
	Operating voltage of the luminous	2 V
	element, max.	
	Rated voltage, max.	24 V
	Operating current of the luminous	10 mA
	element, max.	
	Rated current, max.	0.5 A

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