

# RAFIX 16, illuminated pushbutton, protruding bezel, round collar, bezel green



## fields of application

- > Measurement-control-regulation
- > Electrical engineering
- > Mechanical and system engineering
- > Industrial robots

#### special features

- Robust also suitable for operation with gloves
- Optimal for switching large currents (max. 250 V / 6 A)
- Actuators can be arranged in close rows, as wiring is required axially from behind
- > Degree of protection: IP 65 on front side
- Switching elements with silver contacts (max. 250 V / 6 A) or gold contacts (max. 35 V / 0.25 A)
- Connection types: screw connection, plug-in connection, PCB plug-in socket
- > Mounting diameter 16.2 mm
- Illumination with LED possible, socket: W 2 x 4.6d

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# description

RAFIX control devices are modular units consisting of several parts. In the RAFIX 16 family, they always consist of an actuating element and a switching element, or of an indicator lamp and a lamp socket. Actuating elements (such as pushbuttons or emergency stop actuators) have the specified tactility, reset and function only when assembled with the appropriate switching elements. For illuminated actuators, please use switching elements with lamp socket.

With RAFIX 16 actuators, you can choose between three collar shapes: round, square or square side-by-side, where the pushbuttons can be lined up seamlessly. The mounting diameter is 16.2 mm according to the standard. The anti-rotation lug can be easily removed with a screwdriver if necessary.

## technical data

general		
Bezel color	green	direct links
Property of bezel / mushroom	transparent	> RAFI eCatalog
Collar shape	round	
Operating temperature, min.	-25 °C	
Operating temperature, max.	70 °C	
Storage temperature, min.	-40 °C	
Storage temperature, max.	85 °C	
illuminated	Yes	
Packaging	Box	

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#### technical data sheet

# 1.30.070.121/1505



	Packaging unit	5 pcs.
	Operating life	2,000,000 cycles
	B10	2,600,000 cycles
	Degree of protection, front side,	IP65
	according to DIN EN 60529	
	Environment resistance	IEC 60068-2-14
		IEC 60068-2-30
		IEC 60068-2-33
		IEC 60068-2-78
	MOQ order	100 pcs.
	RoHS compliant	Yes
	REACH compliant	Yes
>	mounting diameters	
	Outside dimension, length	24.95 mm
	Outside dimension, width	24.95 mm
	Outside dimension, height	30.1 mm
	Mounting hole	16.2 mm
	Mounting depth	44.7 mm
	Installation height	10.9 mm
	Grid, min.	25 x 25 mm
	Collar dimension	ø 24,95 mm
>	mechanical data	
	Operating force, max.	100 N
	Operating travel, max.	3 mm
	Fixing	Threaded ring
	Threaded ring torque, max.	1.2 Nm

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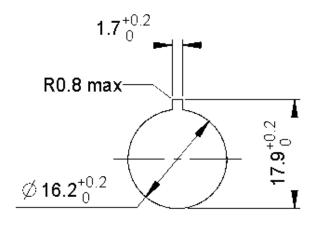
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# drawings

#### Mounting hole drawing



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