

RAFIX 16, illuminated pushbutton, protruding bezel, round collar, bezel transparent



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

technical data sheet

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	Packaging unit	5 pcs.
	net weight	6.4 g
	Operating life	2,000,000 cycles
	B10	2,600,000 cycles
	Degree of protection, front side, according to DIN EN 60529	IP65
	Environment resistance	IEC 60068-2-14 IEC 60068-2-30 IEC 60068-2-33 IEC 60068-2-78
	MOQ order	5 pcs.
	RoHS compliant	Yes
	REACH compliant	Yes
>	mounting diameters	
	Outside dimension, length	24.95 mm
	Outside dimension, width	24.95 mm
	Outside dimension, height	29.15 mm
	Mounting hole	16.2 mm
	Mounting depth	44.7 mm
	Installation height	9.95 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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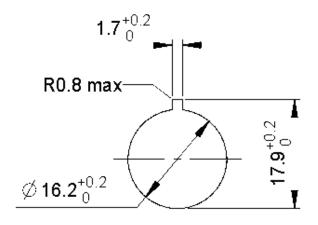
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drawings

Mounting hole drawing



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