

# RAFIX 16, illuminated pushbutton, flat bezel, square 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

## **⋘ (€ ∰**

### 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	square	
Operating temperature, min.	-25 °C	
Operating temperature, max.	70 °C	
Storage temperature, min.	-40 °C	
Storage temperature, max.	85 °C	
illuminated	Yes	
Packaging	Вох	

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**: Feb 21, 2025 **page**: 1/3

RAFI GmbH & Co. KG

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

### 1.30.070.001/1505



10 pcs.
6.3 g
2,000,000 cycles
2,600,000 cycles
IP65
IEC 60068-2-14 IEC 60068-2-30 IEC 60068-2-33
IEC 60068-2-78
100 pcs.
Yes
Yes
24.95 mm
24.95 mm
26.35 mm
16.2 mm
44.7 mm
7.15 mm
25 x 25 mm
24,95 x 24,95 mm
100 N
3 mm
Threaded ring
1.2 Nm

### RAFI GmbH & Co. KG

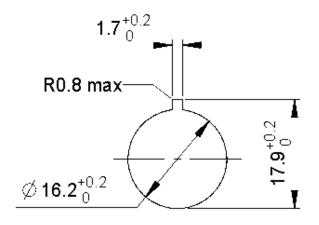
Ravensburger Str. 128-134 88276 Berg / Ravensburg Germany www.rafi-group.com, info.headquarters@rafi-group.com technical data sheet





### drawings

### Mounting hole drawing



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**: Feb 21, 2025 **page**: 3/3

### RAFI GmbH & Co. KG

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