## 1.30.070.321/0100



# RAFIX 16, pushbutton, protruding bezel, round collar, bezel black



#### fields of application

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

#### special features

- > Opaque bezels, not illuminable
- > Robust also suitable for operation with
- > Degree of protection: IP 65 at the front
- > Mounting diameter 16.2 mm
- > Separate switching elements required
- > Close mounting of actuators possible due to axial wiring from behind
- > Switching elements with silver contacts (max. 250 V / 6 A) or gold contacts (max. 35 V / 0.25 A)
- > Connection types switching elements: screw connection, plug connection, PCB plug-in socket







# 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	black	direct links
Property of bezel / mushroom	opaque	> 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	No	
Packaging	Box	
Packaging unit	5 pcs.	
net weight	6 g	

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: Aug 31, 2024 page: 1/3

RAFI GmbH & Co. KG

## 1.30.070.321/0100



Operating life 2,000,000 cycles B10 2,600,000 cycles

Degree of protection, front side,

according to DIN EN 60529

Environment resistance IEC 60068-2-14

IEC 60068-2-30 IEC 60068-2-33 IEC 60068-2-78

**IP65** 

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 29.15 mm Mounting hole 16.2 mm Mounting depth 44.7 mm Installation height 9.95 mm 25 x 25 mm Grid, min. Collar dimension ø 24,95 mm

#### > mechanical data

Operating force, max. 100 N
Operating travel, max. 3 mm

Fixing Threaded ring

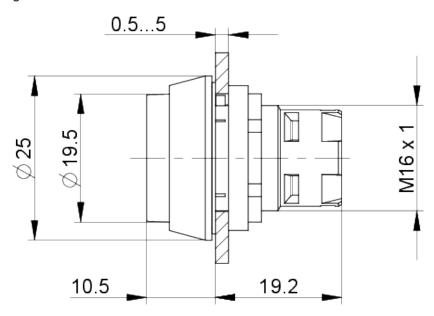
Threaded ring torque, max. 1.2 Nm

# 1.30.070.321/0100



## drawings

### **Dimensioned drawing**



### Mounting hole drawing

