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 gloves
- 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
Property of bezel / mushroom	opaque
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

direct links

- RAFI eCatalog

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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	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
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

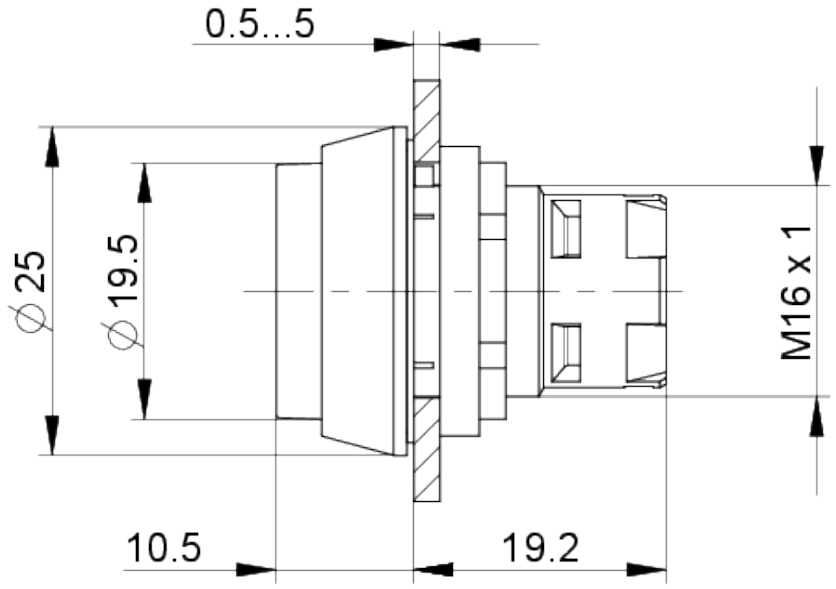
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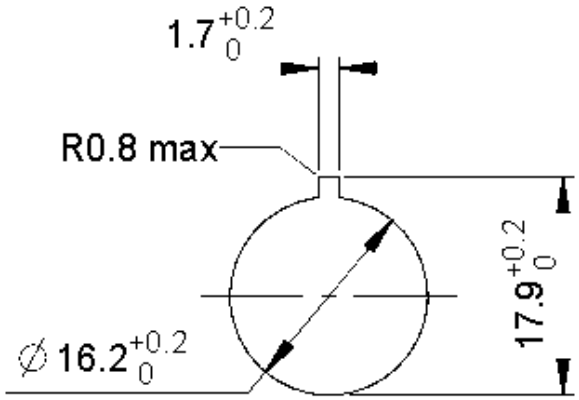
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drawings

Dimensioned drawing



Mounting hole drawing



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