

RAFIX 16, pushbutton, flat bezel, square collar alignable in rows, bezel blue



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

to axial wiring from behind

- > Separate switching elements required> Close mounting of actuators possible due
- 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	blue	direct links	
	Property of bezel / mushroom	opaque	➤ RAFI eCatalog	
	Collar shape	square alignable in rows		
	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	10 pcs.		

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

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

1.30.070.451/0600



	net weight	7 g
	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	26.35 mm
	Mounting hole	16.2 mm
	Mounting depth	44.7 mm
	Installation height	7.15 mm
	Grid, min.	25 x 25 mm
	Collar dimension	24,95 x 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

RAFI GmbH & Co. KG

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

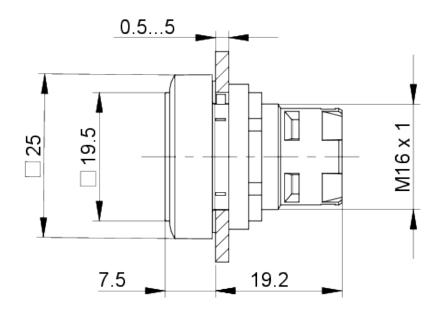
technical data sheet

1.30.070.451/0600

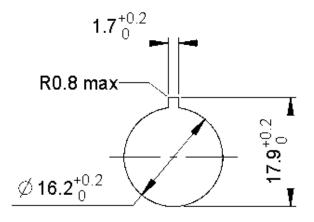


drawings

Dimensioned drawing



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**: Aug 31, 2024 **page**: 3/3

RAFI GmbH & Co. KG

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