

# RAFIX 16, keylock switch, square collar alignable in rows, 2 x 90°, latching, key removal position 0+1+2

#### DISCONTINUED



#### fields of application

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

#### special features

- Key switch in various rotation angle variants and key trigger positions
- Robust also suitable for operation with gloves
- Close mounting of actuators possible, as wiring is axial from the rear
- > Degree of protection: IP 65 at the front
- > Mounting diameter 16.2 mm
- Separate switching elements UNIVERSAL required
- 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-in connection, PCB plug-in socket
- The switching elements are snapped on and can be removed again by turning.



## description

The locking systems we use were created according to the DIN EN 1303 standard by well-known lock manufacturers. They are open, mechanical systems which, depending on the environmental conditions, require occasional maintenance (e.g. greasing & oiling) by the machine or system operator.

RAFIX control units are modular units consisting of several parts. In the RAFIX 16 product family, these always consist of an actuating element and a switching element. Actuating elements (such as key switches) have the specified tactility, reset and function only when assembled with the appropriate switching elements.

With RAFIX 16 actuating elements, you can choose between three collar shapes: round, square or square side-by-side, in which 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.

#### RAFI GmbH & Co. KG

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

# 1.30.076.441/0000

# technical data

>	general	
	Scope of delivery	2 keys
	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	2 pcs.
	net weight	15.3 g
	Operating life	65,000 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
	Drate stien slass	IEC 60068-2-78
	Protection class	 10 per
	MOQ order	10 pcs.
	RoHS compliant	Yes
、	REACH compliant	Yes
/	mounting diameters	24 OF mm
	Outside dimension, length	24.95 mm
	Outside dimension, width	24.95 mm 47.15 mm
	Outside dimension, height	
	Mounting hole	16.2 mm 44.7 mm
	Mounting depth	44.7 mm
	Installation height Grid, min.	27.95 mm
	Collar dimension	24,95 x 24,95 mm
>	mechanical data	24,95 X 24,95 Milli
	Actuation function	latching
	Operating torque, max.	1.3 Nm
	Locking position	1
	Number of locking positions	500
	Key removal position	0+1+2
	Rotating angle	0+1+2 2 × 90°
	Fixing	Z x 90 Threaded ring
	Threaded ring torque, max.	1.2 Nm
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#### direct links

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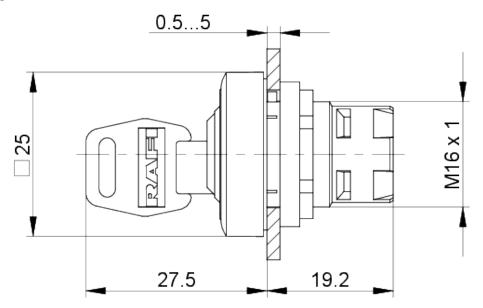
#### technical data sheet



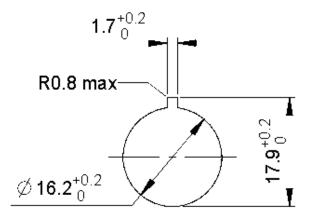


### drawings

#### **Dimensioned drawing**



#### Mounting hole drawing



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