

# RAFIX 22 FS<sup>+</sup>, compact keylock switch, round collar, frontring light gray, 1 x 90°, 1 x 40°, momentary contact function / latching, key removal position 0



## fields of application

- > Measurement-control-regulation
- > Electrical engineering
- > Mechanical and system engineering
- > Vehicle construction
- > Handheld terminals
- Industrial robots

## special features

- > Key switch with low installation height
- Low installation depth 9.2 mm (PCB) or 27 mm (QC)
- Connection types: printed circuit board connection (PCB) or plug-in connection (QC)
- PCB switching elements minimize mounting errors
- Switching elements with silver contacts (max. 250 V/4 A) or gold contacts (max. 35 V/100 mA)
- Design adaptation through different front ring variations
- > Degree of protection: IP 65 at the front
- > Two collar shapes: round and square



## description

RAFIX control devices are defined at RAFI as modular elements, consisting of an actuating element, if necessary a coupling and an individual contact or lighting unit.

Actuating elements (such as pushbuttons, emergency stop actuators, etc.) have the intended tactility, reset and function only when assembled with the appropriate switching elements.

The locking systems we use have been created by reputable lock manufacturers in accordance with the DIN EN 1303 standard. They are open, mechanical systems that require occasional maintenance by the operator depending on the ambient conditions.

Further locking positions or functions are available on request.

## technical data

> general		
Disassembly possible	no	direct links
Scope of delivery	2 keys	➤ RAFI eCatalog
Front ring color	light gray	
Collar shape	round	
Operating temperature, min.	-25 °C	

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	Operating temperature may	70 °C
	Operating temperature, max.	
	Storage temperature, min.	-40 °C
	Storage temperature, max.	80 °C
	illuminated	No
	Packaging	Box
	Packaging unit	2 pcs.
	net weight	39.6 g
	Operating life	50,000 cycles
	B10	65,000 cycles
	Degree of protection, front side, according to DIN EN 60529	IP65
	UL Enclosure Type Rating front	type 1
	side	type 4X indoor
	Environment resistance	IEC 60068-2-14
		IEC 60068-2-30
		IEC 60068-2-33
		IEC 60068-2-78
	Salt-spray resistance according to standard	IEC 60068-2-11
	MOQ order	10 pcs.
	RoHS compliant	Yes
	REACH compliant	Yes
> mounting diameters		
	Outside dimension, length	29.8 mm
	Outside dimension, width	29.8 mm
	Outside dimension, height	28.6 mm
	Mounting hole	22.3 mm
	Mounting depth	9.2 mm
	Installation height	20 mm
	Grid, min.	30 x 30 mm
	Collar dimension	ø 29,8 mm
>	mechanical data	
	Actuation function	momentary contact function / latching
	Operating torque, max.	1.3 Nm
	Locking position	001
	Key removal position	0
	Rotating angle	1 x 90°, 1 x 40°
	Fixing	Threaded ring
	Threaded ring torque, max.	1.2 Nm
	·····	

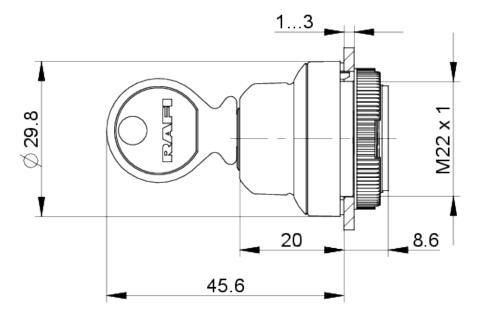
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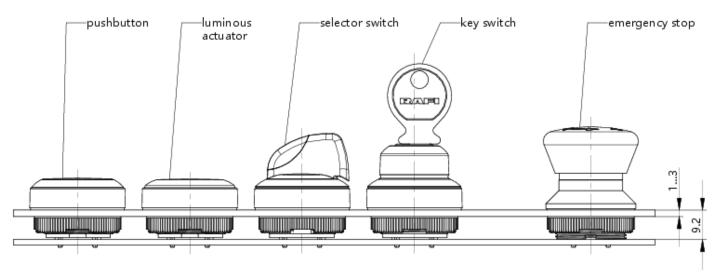


## drawings

## **Dimensioned drawing**



## System drawing



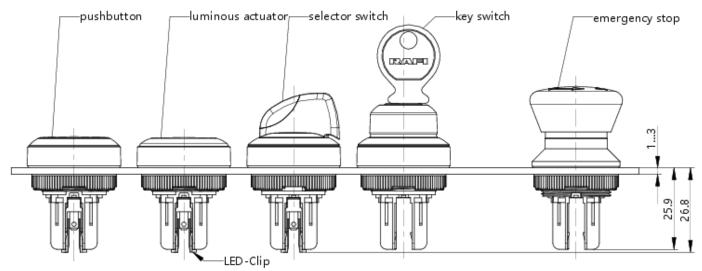
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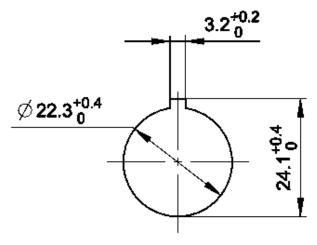
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### System drawing



### Mounting hole drawing



acc. to IEC 60947-5-1

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### front panel drawing



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