

# RAFIX 22 FS<sup>+</sup>, pushbutton, protruding front ring, round collar, momentary contact function, frontring light gray, bezel black



## fields of application

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

## special features

- > Pushbuttons with opaque bezels, not illuminable
- Low installation depth 9.2 mm (PCB) or 27 mm (QC)
- > Special tactile feedback
- > Ideal for operation with gloves
- Connection types: printed circuit board connection (PCB) or plug-in connection (QC)
- PCB switching elements minimize assembly errors
- Switching elements with silver contacts (max. 250 V/4 A) or gold contacts (max. 35 V/100 mA)
- Due to the tactile switch adapter MICON 5 tactile switches can be used as switching element
- Design adaptation by 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.

Pushbuttons with opaque and therefore non-illuminable bezels.

# technical data

> general		
Disassembly possible	no	direc
Bezel color	black	> RA
Property of bezel / mushroom	opaque	
Front ring color	light gray	

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## direct links

RAFI eCatalog

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# 1.30.270.401/0108



	Collar shape	round
	Operating temperature, min.	-25 °C
	Operating temperature, max.	70 °C
	Storage temperature, min.	-40 °C
	Storage temperature, max.	80 °C
	illuminated	No
	Packaging	Box
	Packaging unit	10 pcs.
	net weight	7.2 g
	Operating life	1,000,000 cycles
	B10	1,300,000 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	21.5 mm
	Mounting hole	22.3 mm
	Mounting depth	9.2 mm
	Installation height	12.85 mm
	Grid, min.	30 x 30 mm
	Collar dimension	ø 29,8 mm
>	mechanical data	
	Actuation function	momentary contact function
	Operating force, max.	100 N
	Operating travel, max.	4 mm
	Fixing	Threaded ring
	Threaded ring torque, max.	1.2 Nm
	Threaded ting torque, max.	1.2 NIII

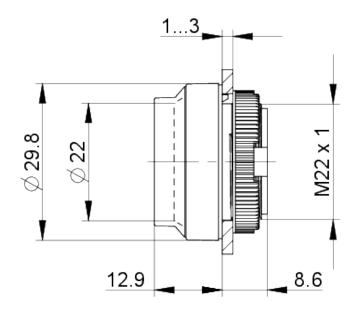
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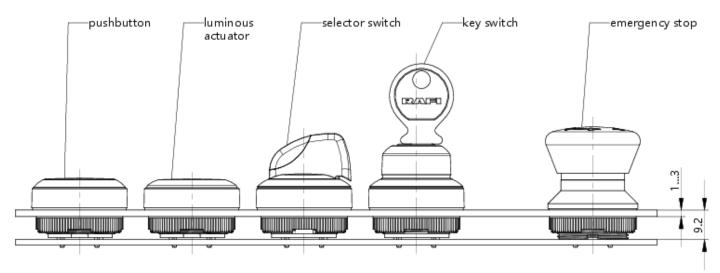


## drawings

## **Dimensioned drawing**



## System drawing



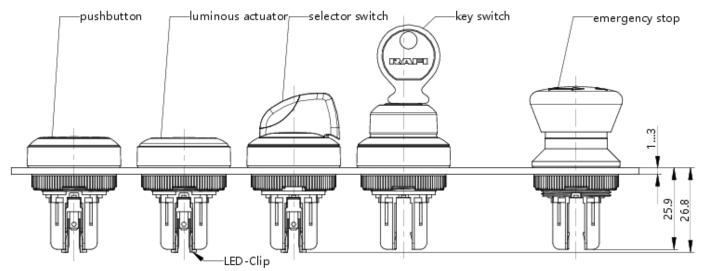
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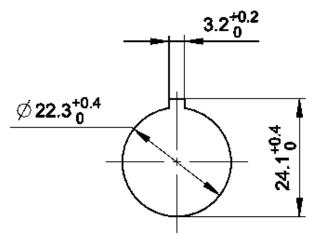
# 1.30.270.401/0108



## System drawing



## Mounting hole drawing



acc. to IEC 60947-5-1

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### front panel drawing



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