

# RAFIX 22 FS<sup>+</sup>, illuminated pushbutton, flat bezel, square collar, latching, frontring light gray, bezel green

#### DISCONTINUED



### fields of application

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

#### special features

- Illuminated pushbutton, panel illumination with SMT LED
- 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)
- The tactile switch adapter allows MICON 5 tactile switches to be used as switching elements
- 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.

Pushbutton with translucent bezel. In combination with a corresponding switching element, the bezel can be fully illuminated.

# technical data

>	general
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Disassembly possible	no
Bezel color	green
Property of bezel / mushroom	translucent
Front ring color	light gray

direct links

> RAFI eCatalog

RAFI GmbH & Co. KG

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<u> </u>	llereber	
	ollar shape	square
Operating temperature, min.		-25 °C
Operating temperature, max.		70 °C
Storage temperature, min.		-40 °C
Ste	orage temperature, max.	80 °C
illuminated		Yes
Packaging		Box
Packaging unit		10 pcs.
Operating life		500,000 cycles
B10		650,000 cycles
	egree of protection, front side, cording to DIN EN 60529	IP65
UL	Enclosure Type Rating front	type 1
sic	le	type 4X indoor
En	vironment resistance	IEC 60068-2-14
		IEC 60068-2-30
		IEC 60068-2-33
		IEC 60068-2-78
	It-spray resistance according to	IEC 60068-2-11
sta	andard	
M	OQ order	100 pcs.
Rc	oHS compliant	Yes
RE	ACH compliant	Yes
mounting diameters		
Οι	utside dimension, length	29.8 mm
Οι	utside dimension, width	29.8 mm
Οι	utside dimension, height	18.5 mm
M	ounting hole	22.3 mm
M	ounting depth	9.2 mm
Ins	stallation height	9.85 mm
Gr	id, min.	30 x 30 mm
Сс	ollar dimension	29,8 x 29,8 mm
m	echanical data	
Ac	tuation function	latching
Operating force, max.		100 N
Operating travel, max.		4 mm
	0	
Fix	king	Threaded ring

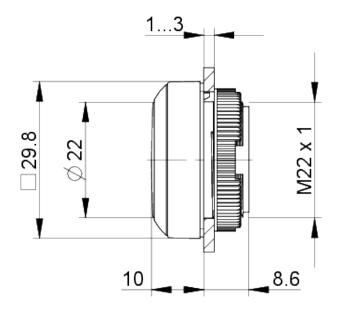
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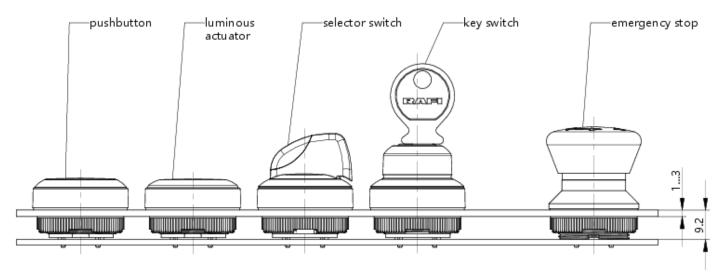


## drawings

#### **Dimensioned drawing**



#### System drawing



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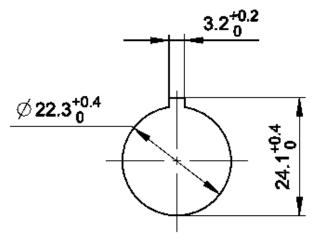
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#### System drawing



#### Mounting hole drawing



acc. to IEC 60947-5-1

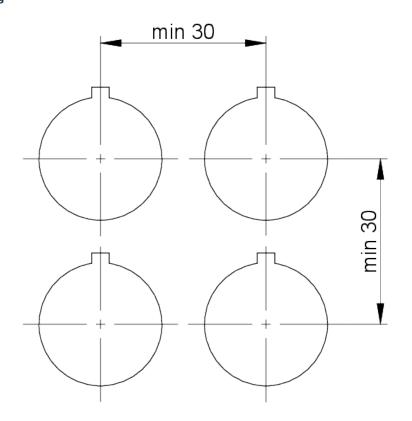
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#### front panel drawing



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