

# RAFIX 22 FS<sup>+</sup>, illuminated pushbutton, flat bezel, round collar, latching, frontring black, bezel white



## 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		
Disassembly possible	no	direct links
Bezel color	white	> RAFI eCatalog
Property of bezel / mushroom	translucent	
Front ring color	black	

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## 1.30.270.011/2201



Collar shape	round
Operating temperature, min.	-25 °C
Operating temperature, max.	70 °C
Storage temperature, min.	-40 °C
Storage temperature, max.	80 °C
illuminated	Yes
Packaging	Box
Packaging unit	10 pcs.
net weight	6.4 g
Operating life	500,000 cycles
B10	
	650,000 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	IEC 60068-2-11
standard	10
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	18.5 mm
Mounting hole	22.3 mm
Mounting depth	9.2 mm
Installation height	9.85 mm
Grid, min.	30 x 30 mm
Collar dimension	ø 29,8 mm
mechanical data	
Actuation function	latching
Operating force, max.	100 N
Operating travel, max.	4 mm
Fixing	Threaded ring
Threaded ring torque, max.	1.2 Nm

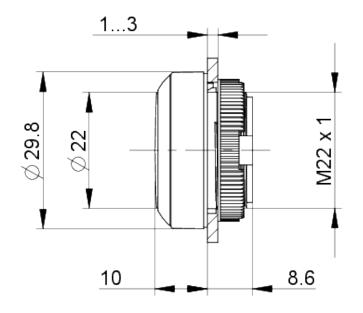
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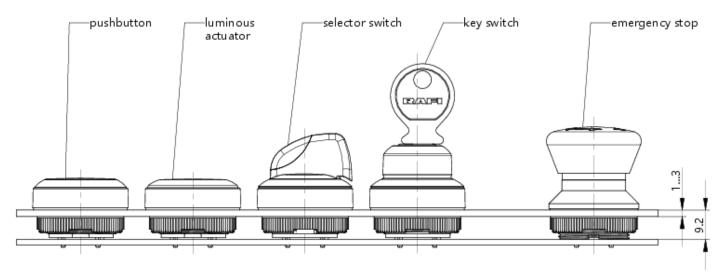


## drawings

## **Dimensioned drawing**



## System drawing



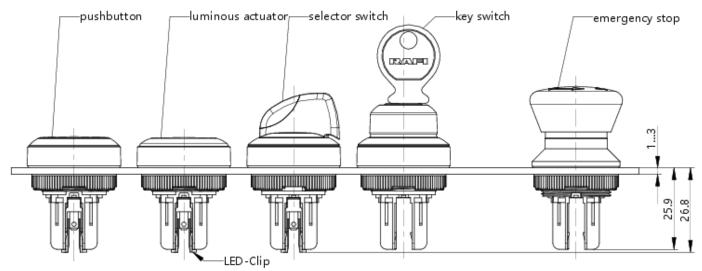
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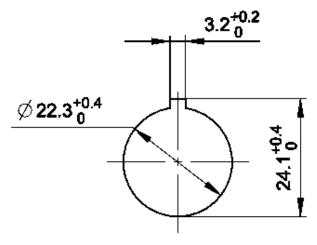
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## System drawing



## Mounting hole drawing



acc. to IEC 60947-5-1

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## front panel drawing



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