

# RAFIX 22 FS<sup>+</sup>, illuminated pushbutton, flat bezel, square collar, latching, frontring metallic silver, bezel blue



### 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
	Bezel color	blue
	Property of bezel / mushroom	translucent
	Front ring color	metallic silver

direct links

> RAFI eCatalog

RAFI GmbH & Co. KG

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Collar shape	square
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.
Operating life	500,000 cycles
B10	650,000 cycles
Degree of protection, front side,	IP65
according to DIN EN 60529	
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
standard MOQ order	10 pcs.
standard MOQ order RoHS compliant	Yes
standard MOQ order RoHS compliant REACH compliant	
standard MOQ order RoHS compliant REACH compliant <b>mounting diameters</b>	Yes Yes
standard MOQ order RoHS compliant REACH compliant <b>mounting diameters</b> Outside dimension, length	Yes Yes 29.8 mm
standard MOQ order RoHS compliant REACH compliant <b>mounting diameters</b> Outside dimension, length Outside dimension, width	Yes Yes 29.8 mm 29.8 mm
standard MOQ order RoHS compliant REACH compliant <b>mounting diameters</b> Outside dimension, length Outside dimension, width Outside dimension, height	Yes Yes 29.8 mm 29.8 mm 18.5 mm
standard MOQ order RoHS compliant REACH compliant <b>mounting diameters</b> Outside dimension, length Outside dimension, width Outside dimension, height Mounting hole	Yes Yes 29.8 mm 29.8 mm 18.5 mm 22.3 mm
standard MOQ order RoHS compliant REACH compliant <b>mounting diameters</b> Outside dimension, length Outside dimension, width Outside dimension, height Mounting hole Mounting depth	Yes Yes 29.8 mm 29.8 mm 18.5 mm 22.3 mm 9.2 mm
standard MOQ order RoHS compliant REACH compliant <b>mounting diameters</b> Outside dimension, length Outside dimension, width Outside dimension, height Mounting hole Mounting depth Installation height	Yes Yes 29.8 mm 29.8 mm 18.5 mm 22.3 mm 9.2 mm 9.85 mm
standard MOQ order RoHS compliant REACH compliant <b>mounting diameters</b> Outside dimension, length Outside dimension, width Outside dimension, height Mounting hole Mounting depth	Yes Yes 29.8 mm 29.8 mm 18.5 mm 22.3 mm 9.2 mm
standard MOQ order RoHS compliant REACH compliant <b>mounting diameters</b> Outside dimension, length Outside dimension, width Outside dimension, height Mounting hole Mounting depth Installation height Grid, min. Collar dimension	Yes Yes 29.8 mm 29.8 mm 18.5 mm 22.3 mm 9.2 mm 9.85 mm
standard MOQ order RoHS compliant REACH compliant <b>mounting diameters</b> Outside dimension, length Outside dimension, width Outside dimension, height Mounting hole Mounting depth Installation height Grid, min. Collar dimension	Yes Yes 29.8 mm 29.8 mm 18.5 mm 22.3 mm 9.2 mm 9.85 mm 30 x 30 mm 29,8 x 29,8 mm
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standard MOQ order RoHS compliant REACH compliant <b>mounting diameters</b> Outside dimension, length Outside dimension, width Outside dimension, width Outside dimension, height Mounting hole Mounting depth Installation height Grid, min. Collar dimension <b>mechanical data</b> Actuation function Operating force, max.	Yes Yes 29.8 mm 29.8 mm 18.5 mm 22.3 mm 9.2 mm 9.85 mm 30 x 30 mm 29,8 x 29,8 mm latching 100 N

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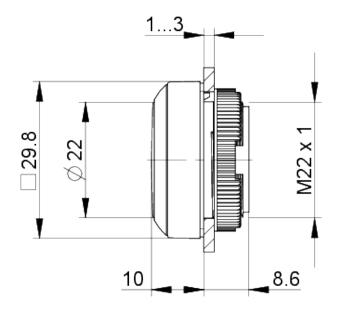
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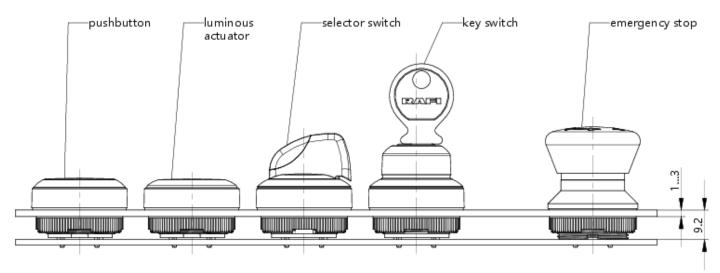


## drawings

#### **Dimensioned drawing**



#### System drawing



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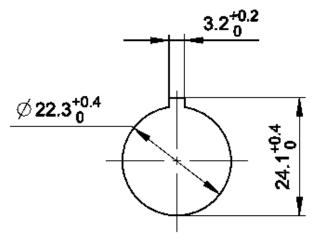
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#### System drawing



#### Mounting hole drawing



acc. to IEC 60947-5-1

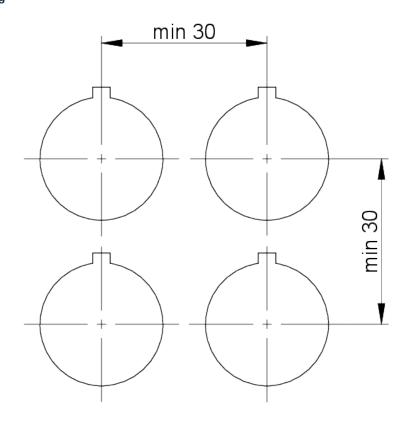
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#### front panel drawing



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