

# RAFIX 22 FS<sup>+</sup>, mushroom pushbutton, latching, Mushroom head black



#### fields of application

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

#### special features

- Low mounting 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
- > Degree of protection: IP 65 at the front



## 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 shape and function of the mushroom pushbutton correspond to those of an emergency stop, but it has a black actuator (mushroom).

Only use with the emergency stop switching element.

The mushroom pushbutton Plus 1 must be used with the emergency stop Plus 1 switching elements (PCB: 1.20.126.414/0000 or QC: 1.20.126.514/0000).

The illuminated version is illuminated through a central round window.

## technical data

> general		
Disassembly possible	no	direct links
Color of mushroom	black	> RAFI eCatalo
Legending color	white	
Property of bezel / mushroom	opaque	
Collar color	black	
Collar shape	round	
Operating temperature, min.	-25 °C	
Operating temperature, max.	70 °C	
Storage temperature, min.	-40 °C	
Storage temperature, max.	80 °C	

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	illuminated	No
	Packaging	Box
	Packaging unit	2 pcs.
	net weight	17.5 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	2 pcs.
	RoHS compliant	Yes
	REACH compliant	Yes
>	mounting diameters	
	Outside dimension, length	29.8 mm
	Outside dimension, width	29.8 mm
	Outside dimension, height	42.1 mm
	Mounting hole	22.3 mm
	Mounting depth	9.2 mm
	Installation height	33.2 mm
	Grid, min.	35 x 35 mm
	Collar dimension	ø 29,8 mm
>	mechanical data	
	Actuation function	latching
	Operating force, max.	100 N
	Resetting	by rotating
	Fixing	Threaded ring
	Threaded ring torque, max.	1.2 Nm

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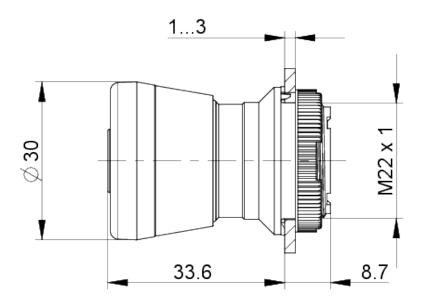
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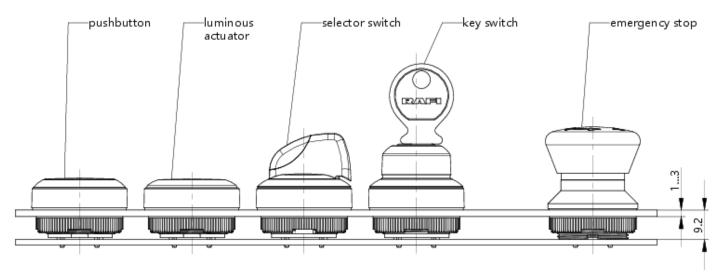


## drawings

### **Dimensioned drawing**



## System drawing



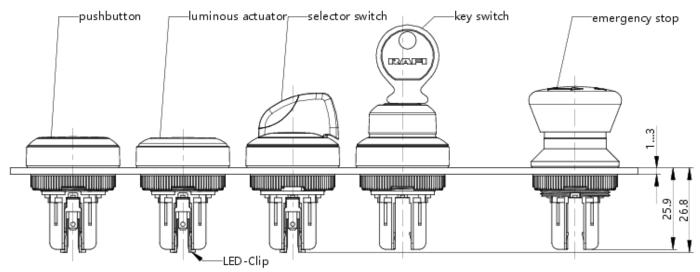
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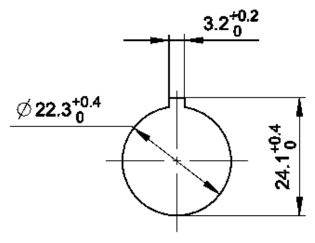
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## System drawing



#### Mounting hole drawing



acc. to IEC 60947-5-1

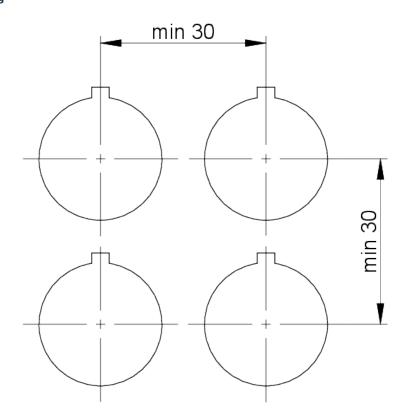
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#### front panel drawing



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