

# RAFIX 22 FS<sup>+</sup>, illuminated selector switch, round collar, frontring red, 1 x 90°, shape L, latching, illuminable



## fields of application

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

#### special features

- Illumination of the rotary handle marking with SMT LED
- Colored illumination with colored LEDs possible
- Low installation 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
- Switching elements with silver contacts (max. 250 V/4 A) or gold contacts (max. 35 V/100 mA)
- Design adaptation through 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.

The translucent handle marking can be illuminated if combined with a corresponding switching element.

For colored illumination of the handle marking, please use colored LEDs.

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## technical data

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>	general	
	Disassembly possible	no
	Front ring color	red
	Collar shape	round
	Operating temperature, min.	-25 °C

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direct links

> RAFI eCatalog

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## 1.30.272.101/2203



	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	300,000 cycles	
	B10	390,000 cycles	
	Degree of protection, front side, according to DIN EN 60529	IP65	
	UL Enclosure Type Rating front	e 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	32.4 mm	
	Mounting hole	22.3 mm	
	Mounting depth	9.2 mm	
	Installation height	22.24 mm	
	Grid, min.	30 x 30 mm	
	Collar dimension	ø 29,8 mm	
>	mechanical data		
	Actuation function	latching	
	Operating torque, max.	1.5 Nm	
	Rotating angle	1 x 90°, shape L	
	Fixing	Threaded ring	
	Threaded ring torque, max.	1.2 Nm	

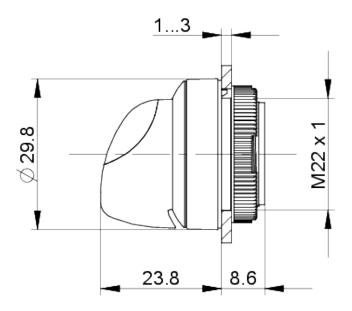
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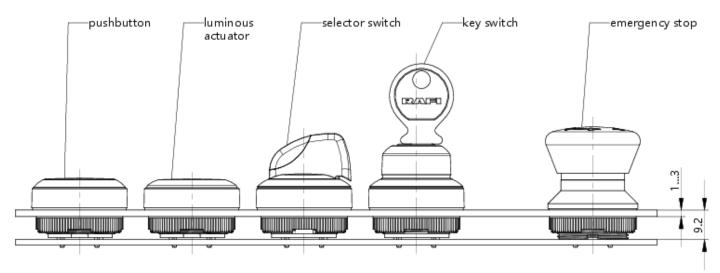


## drawings

## **Dimensioned drawing**



## System drawing



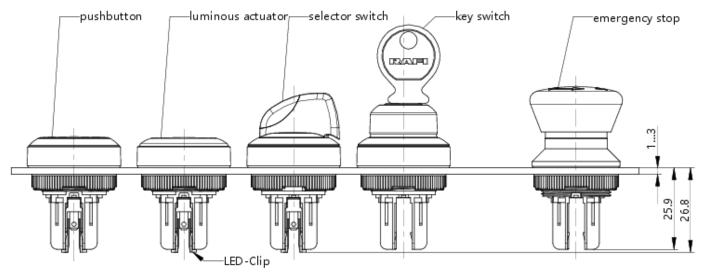
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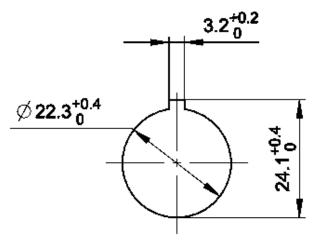




## System drawing



Mounting hole drawing



acc. to IEC 60947-5-1

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#### front panel drawing



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