

# RAFIX 22 FS<sup>+</sup>, illuminated selector switch, square collar, frontring slate gray, 1 x 90°, shape V, 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.

# technical data

#### > general

0		direct links
Disassembly possible	no	ulrect links
Front ring color	slate gray	> RAFI eCatalog
Collar shape	square	
Operating temperature, min.	-25 °C	

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	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,	IP65
	according to DIN EN 60529	turo 1
	UL Enclosure Type Rating front side	type 1 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	29,8 x 29,8 mm
>	mechanical data	
	Actuation function	latching
	Operating torque, max.	1.5 Nm
	Rotating angle	1 x 90°, shape V
	Fixing	Threaded ring
	Threaded ring torque, max.	1.2 Nm

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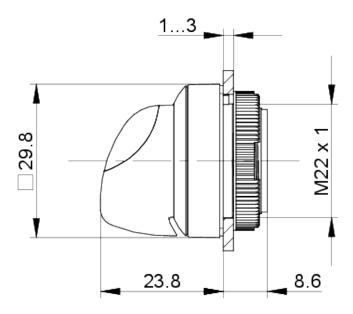
## technical data sheet



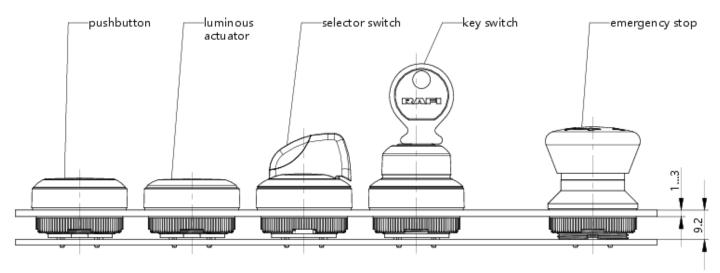


# drawings

# **Dimensioned drawing**



# System drawing



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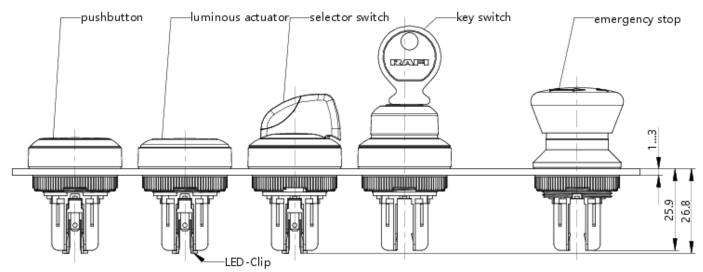
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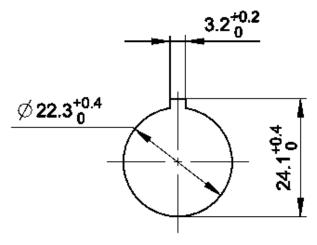
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## System drawing



## Mounting hole drawing



acc. to IEC 60947-5-1

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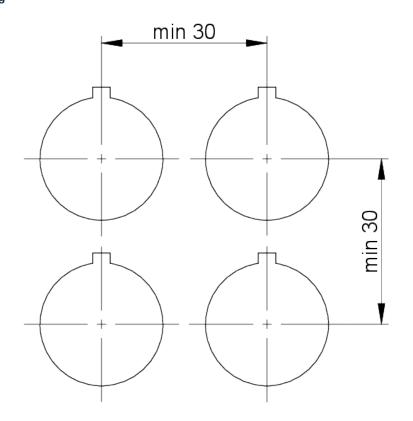
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## front panel drawing



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