

# RAFIX 22 FS<sup>+</sup>, keylock switch, round collar, frontring silver gray, 1 x 90°, shape V, latching, key removal position 0



### fields of application

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

#### special features

- > Key switch standard
- 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 locking systems we use have been created by reputable lock manufacturers in accordance with the DIN EN 1303 standard. They are open, mechanical systems that require occasional maintenance by the operator depending on the ambient conditions.

Further locking positions or functions are available on request.

# technical data

>

>	general	
	Disassembly possible	no
	Scope of delivery	2 keys
	Front ring color	silver gray

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# 1.30.255.301/0800

	Collar shape	round
	Operating temperature, min.	-25 °C
	Storage temperature, min.	-40 °C
	Operating temperature, max.	70 °C
	Storage temperature, max.	80 °C
	illuminated	No
	Packaging	Box
	Packaging unit	2 pcs.
	net weight	20.6 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
	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	20 pcs.
	MOQ order RoHS compliant	20 pcs. Yes
>	RoHS compliant	Yes
>	RoHS compliant REACH compliant	Yes
>	RoHS compliant REACH compliant mounting diameters	Yes Yes
>	RoHS compliant REACH compliant <b>mounting diameters</b> Mounting hole	Yes Yes 22.3 mm
>	RoHS compliant REACH compliant <b>mounting diameters</b> Mounting hole Mounting depth	Yes Yes 22.3 mm 9.2 mm
>	RoHS compliant REACH compliant <b>mounting diameters</b> Mounting hole Mounting depth Installation height	Yes Yes 22.3 mm 9.2 mm 44.1 mm
>	RoHS compliant REACH compliant <b>mounting diameters</b> Mounting hole Mounting depth Installation height Grid, min.	Yes Yes 22.3 mm 9.2 mm 44.1 mm 30 x 30 mm
>	RoHS compliant REACH compliant <b>mounting diameters</b> Mounting hole Mounting depth Installation height Grid, min. Outside dimension, length	Yes Yes 22.3 mm 9.2 mm 44.1 mm 30 x 30 mm 29.8 mm
>	RoHS compliant REACH compliant <b>mounting diameters</b> Mounting hole Mounting depth Installation height Grid, min. Outside dimension, length Outside dimension, width	Yes Yes 22.3 mm 9.2 mm 44.1 mm 30 x 30 mm 29.8 mm
	RoHS compliant REACH compliant <b>mounting diameters</b> Mounting hole Mounting depth Installation height Grid, min. Outside dimension, length Outside dimension, width Collar dimension	Yes Yes 22.3 mm 9.2 mm 44.1 mm 30 x 30 mm 29.8 mm 29.8 mm Ø 29,8 mm
	RoHS compliant REACH compliant <b>mounting diameters</b> Mounting hole Mounting depth Installation height Grid, min. Outside dimension, length Outside dimension, width Collar dimension <b>mechanical data</b> Actuation function	Yes Yes 22.3 mm 9.2 mm 44.1 mm 30 x 30 mm 29.8 mm
	RoHS compliant REACH compliant <b>mounting diameters</b> Mounting hole Mounting depth Installation height Grid, min. Outside dimension, length Outside dimension, width Collar dimension <b>mechanical data</b> Actuation function Operating torque, max.	Yes Yes 22.3 mm 9.2 mm 44.1 mm 30 x 30 mm 29.8 mm 29.8 mm ø 29,8 mm
	RoHS compliant REACH compliant <b>mounting diameters</b> Mounting hole Mounting depth Installation height Grid, min. Outside dimension, length Outside dimension, width Collar dimension <b>mechanical data</b> Actuation function Operating torque, max. Locking position	Yes Yes 22.3 mm 9.2 mm 44.1 mm 30 x 30 mm 29.8 mm 29.8 mm Ø 29,8 mm latching 1.3 Nm
	RoHS compliant REACH compliant <b>mounting diameters</b> Mounting hole Mounting depth Installation height Grid, min. Outside dimension, length Outside dimension, width Collar dimension <b>mechanical data</b> Actuation function Operating torque, max. Locking position Key lock	Yes Yes 22.3 mm 9.2 mm 44.1 mm 30 x 30 mm 29.8 mm 29.8 mm 29.8 mm d 29,8 mm latching 1.3 Nm 1
	RoHS compliant REACH compliant <b>mounting diameters</b> Mounting hole Mounting depth Installation height Grid, min. Outside dimension, length Outside dimension, width Collar dimension <b>mechanical data</b> Actuation function Operating torque, max. Locking position Key lock Key removal position	Yes Yes 22.3 mm 9.2 mm 44.1 mm 30 x 30 mm 29.8 mm 29.8 mm 29.8 mm a 29,8 mm latching 1.3 Nm 1 Micromec 0
	RoHS compliant REACH compliant <b>mounting diameters</b> Mounting hole Mounting depth Installation height Grid, min. Outside dimension, length Outside dimension, width Collar dimension <b>mechanical data</b> Actuation function Operating torque, max. Locking position Key lock Key removal position Rotating angle	Yes Yes 22.3 mm 9.2 mm 44.1 mm 30 x 30 mm 29.8 mm 29.8 mm 29.8 mm 29.8 mm 1 latching 1.3 Nm 1 Micromec 0 1 x 90°, shape V
	RoHS compliant REACH compliant <b>mounting diameters</b> Mounting hole Mounting depth Installation height Grid, min. Outside dimension, length Outside dimension, width Collar dimension <b>mechanical data</b> Actuation function Operating torque, max. Locking position Key lock Key removal position	Yes Yes 22.3 mm 9.2 mm 44.1 mm 30 x 30 mm 29.8 mm 29.8 mm 29.8 mm a 29,8 mm latching 1.3 Nm 1 Micromec 0



direct links

> RAFI eCatalog

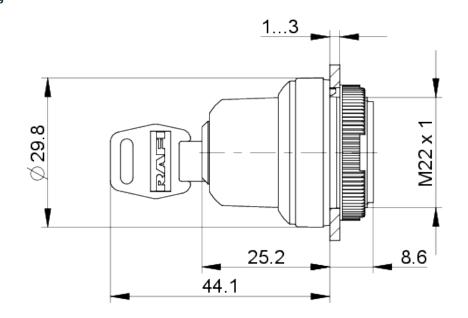
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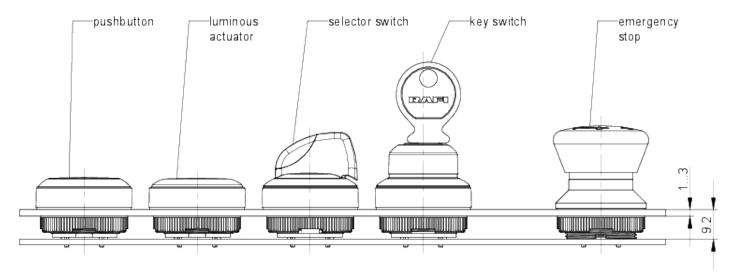


## drawings

#### **Dimensioned drawing**



#### System drawing



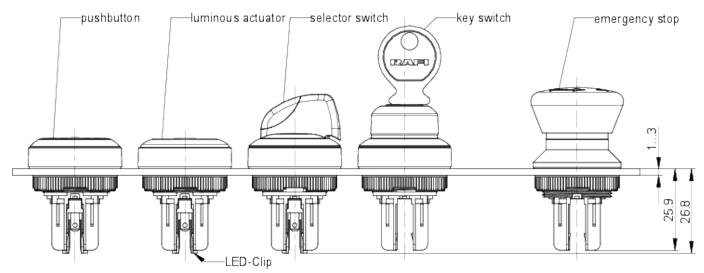
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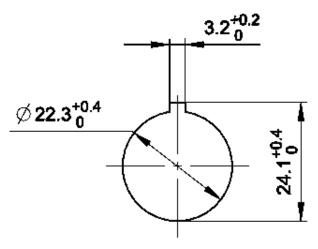
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#### System drawing



#### Mounting hole drawing



acc. to IEC 60947-5-1

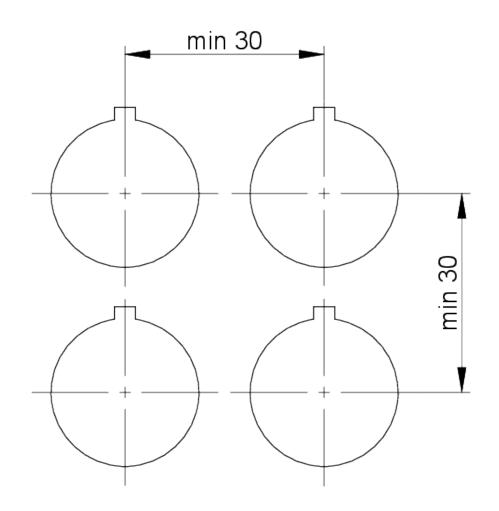
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#### front panel drawing



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