

# RAFIX 22 FSR, illuminated selector switch, round collar, frontring black, 1 x 90°, shape V, latching, illuminable



### fields of application

- > Measurement-control-regulation
- > Mechanical and system engineering
- > Agricultural and forestry machinery
- > Construction machinery

#### special features

- Selector switch with illuminated twist grip marking
- Illumination of the twist grip 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)
- > 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 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
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Disassembl	y possible	no
Front ring co	olor	black
Collar shape	)	round
Operating te	emperature, min.	-40 °C
Operating te	emperature, max.	85 °C

direct links

> RAFI eCatalog

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Ravensburger Str. 128-134 88276 Berg / Ravensburg Germany www.rafi-group.com, info.headquarters@rafi-group.com

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technical data sheet

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Storage temperature, min.	-40 °C
Storage temperature, max.	85 °C
illuminated	Yes
Packaging	Box
Packaging unit	10 pcs.
net weight	14 g
Operating life	300,000 cycles
B10	390,000 cycles
Degree of protection, front side,	IP65
according to DIN EN 60529	IP69
Degree of protection, front side,	IPx9K
according to ISO 20653	
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	120 00000-2-11
MOQ order	10 pcs.
RoHS compliant	Yes
REACH compliant	Yes
mounting diameters	
Outside dimension, length	31.3 mm
Outside dimension, width	31.3 mm
Outside dimension, height	32.4 mm
Mounting hole	22.3 mm
Mounting depth	9.2 mm
Installation height	23.8 mm
Grid, min.	35 x 35 mm
Collar dimension	ø 31,3 mm
mechanical data	
Actuation function	latching
Operating torque, max.	2 Nm
Rotating angle	1 x 90°, shape V
Fixing	Threaded ring
Threaded ring torque, max.	1.2 Nm

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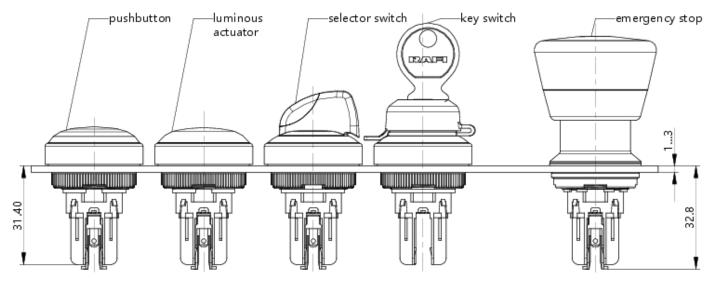
#### technical data sheet



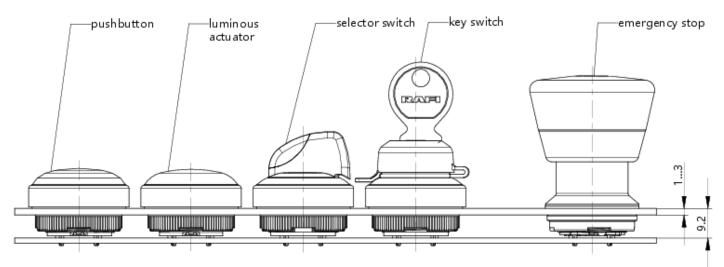


## drawings

#### System drawing



#### System drawing



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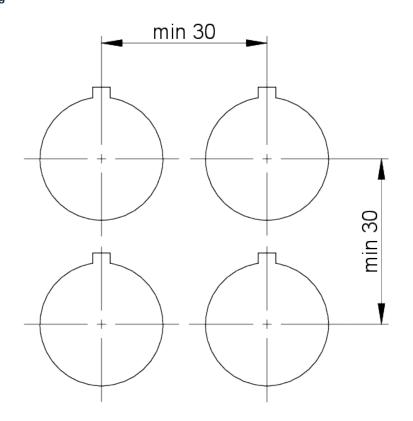
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#### front panel drawing



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