

# RAFIX 22 FSR, illuminated selector switch, round collar, frontring black, 2 x 60°, 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 / IP 69K front side



# 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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0	
Disassembly possible	no
Front ring color	black
Collar shape	round
Operating temperature, min.	-40 °C

direct links

> RAFI eCatalog

RAFI GmbH & Co. KG

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technical data sheet

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Operating temperature, max.	85 °C			
Storage temperature, min.	-40 °C			
Storage temperature, max.	85 °C			
illuminated	Yes			
Packaging	Box			
Packaging unit	10 pcs.			
net weight	14 g			
Operating life	0			
B10	300,000 cycles			
	390,000 cycles IP65			
Degree of protection, front side, according to DIN EN 60529	IP69			
Degree of protection, front side,	IPx9K			
according to ISO 20653	II XOK			
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				
Impact resistance IK	06			
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.	32 x 32 mm			
Collar dimension	ø 31,3 mm			
mechanical data				
Actuation function	latching			
Operating torque, max.	2 Nm			
Rotating angle	2 x 60°			
Fixing	Threaded ring			
Threaded ring torque, max.	1.2 Nm			

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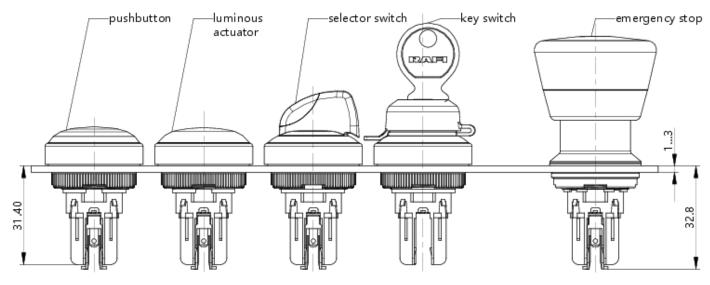
### technical data sheet



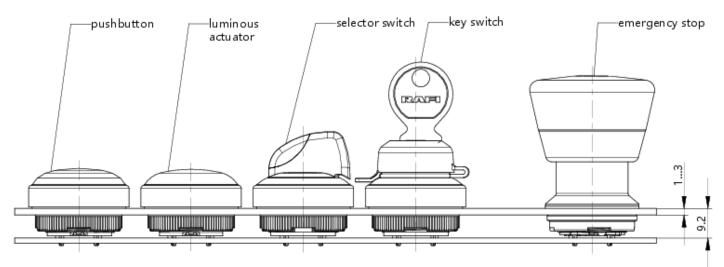


## drawings

## System drawing



#### System drawing



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