

# RAFIX 22 FSR, illuminated pushbutton, round collar, momentary contact function, frontring black, bezel white



### fields of application

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

#### special features

Illuminated pushbutton with protective cap The protective cap reinforces the protection against liquids, dirt and chips. Low mounting depth 9.2 mm (PCB) or 27 mm (QC) Ideal for operation with gloves Connection types: printed circuit board connection (PCB) or plug-in connection (QC) PCB switching elements minimize assembly errors Switching elements with silver contacts (max. 250 V/4 A) or gold contacts (max. 35 V/100 mA) Due to the tactile switch adapter MICON 5 switches can be used as switching element Degree of protection: IP 65 at the front Front panel illumination with SMT-LED Labeling and front rings in other colors on request



# 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.

Illuminated pushbutton, with protective cap for use in more difficult environmental conditions.

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technical data sheet

# 1.30.280.001/2201

# technical data



> general		
Disassembly possible	no	direct links
Bezel color	white	> RAFI eCatalog
Property of bezel / mushroom	translucent	
Front ring color	black	
Collar shape	round	
Operating temperature, min.	-40 °C	
Storage temperature, min.	-40 °C	
Operating temperature, max.	85 °C	
Storage temperature, max.	85 °C	
illuminated	Yes	
Packaging	Box	
Packaging unit	10 pcs.	
net weight	10.9 g	
Operating life	1,000,000 cycles	
B10	1,300,000 cycles	
Degree of protection, front side,	IP65	
according to DIN EN 60529	IP69 with water spray distance >25 cm	
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	D IEC 60068-2-11	
MOQ order	10 pcs.	
RoHS compliant	Yes	
REACH compliant	Yes	
> mounting diameters		
Mounting hole	22.3 mm	
Mounting depth	9.2 mm	
Installation height	12.2 mm	
Grid, min.	35 x 35 mm	
Outside dimension, length	31.3 mm	
Outside dimension, width	31.3 mm	
Outside dimension, height	21 mm	
Collar dimension	ø 31,3 mm	
> mechanical data		
Actuation function	momentary contact function	
Operating force, max.	100 N	
Operating travel, max.	4 mm	
Fixing	Threaded ring	
Threaded ring torque, max.	1.2 Nm	

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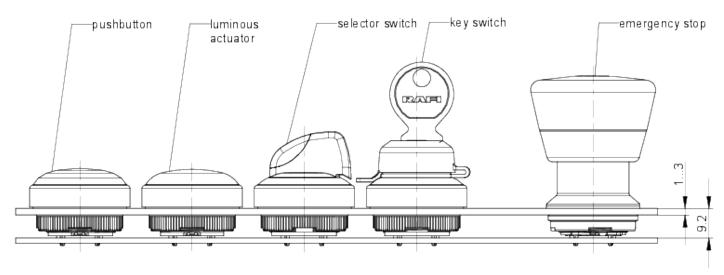
#### technical data sheet



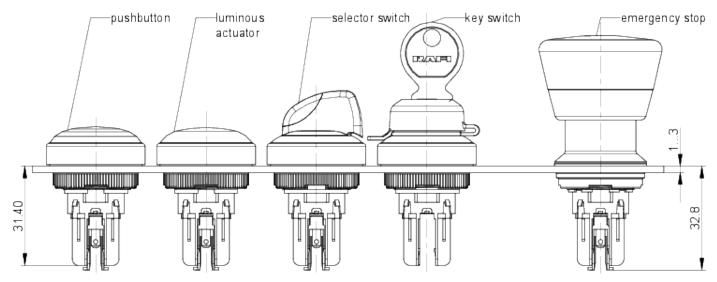


# drawings

#### System drawing



#### System drawing



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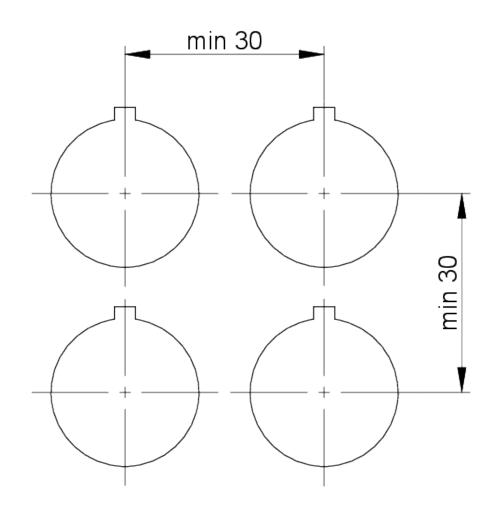
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technical data sheet





#### front panel drawing



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