

RAFIX 22 FS⁺, illuminated pushbutton with protective cap, square collar, momentary contact function, frontring black, bezel red



fields of application

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

special features

- > Leuchtdrucktaster mit Schutzkappe
- Die Schutzkappe verstärkt den Schutz gegen Flüssigkeiten, Schmutz und Spähne.
- Geringe Einbautiefe 9,2 mm (PCB) bzw. 27 mm (QC)
- > Ideal für die Bedienung mit Handschuhen
- Anschlussarten: Leiterplattenanschluss (PCB) oder Steckanschluss (QC)
- Die PCB-Schaltelemente minimieren Montagefehler
- Schaltelemente mit Silberkontakten (max. 250 V/4 A) oder Goldkontakten (max. 35 V/100 mA)
- Durch den Kurzhubadapter können MICON 5 Kurzhubtaster als Schaltelement verwendet werden
- Design-Anpassung durch zwei verschiedene Frontring-Variationen
- Schutzgrad: IP 65 frontseitig
- > Zwei Bundformen: rund und quadratisch
- > Beleuchtung der Blende mit SMT-LED



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.

technical data

>	general	
	Disassembly possible	no
	Bezel color	red
	Property of bezel / mushroom	translucent

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technical data sheet

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	Front ring color	black	
	Collar shape	square	direct links
	Operating temperature, min.	-25 °C	➤ RAFI eCatalog
	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	1,000,000 cycles	
	B10	1,300,000 cycles	
	Degree of protection, front side,	IP65	
	according to DIN EN 60529		
	Degree of protection, front side, according to ISO 20653	IP6K9K at 23°C water temperature	
	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 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	20.7 mm	
	Mounting hole	22.3 mm	
	Mounting depth	9.2 mm	
	Installation height	9.85 mm	
	Grid, min.	30 x 30 mm	
	Collar dimension	29,8 x 29,8 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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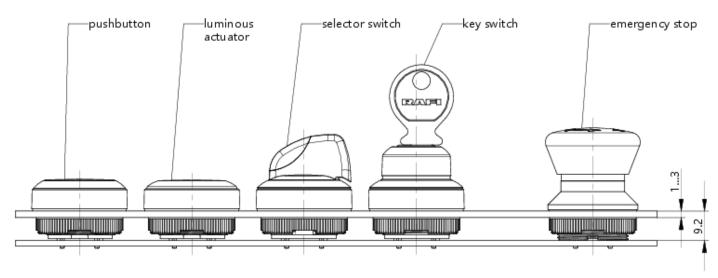
technical data sheet



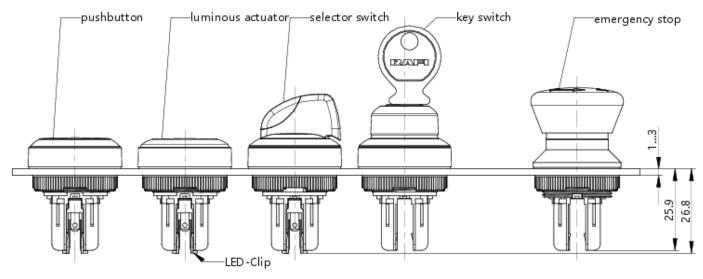


drawings

System drawing



System drawing



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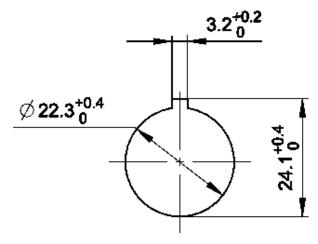
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technical data sheet



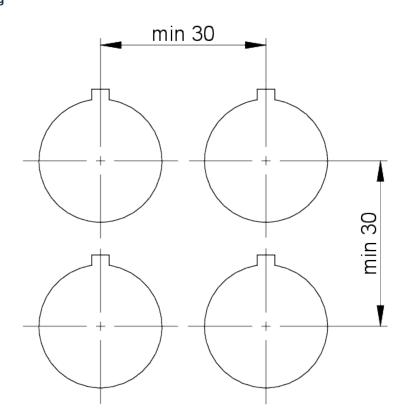


Mounting hole drawing



acc. to IEC 60947-5-1

front panel drawing



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