

RAFIX 30 FS⁺, illuminated pushbutton ring lighting, round collar, momentary contact function, frontring stainless steel, Color transparent, bezel stainless steel



fields of application

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

special features

- > illumination with SMT-LED
- > Function momentary
- > Low overall height 3.45 mm
- > Shapely front ring made of stainless steel
- Low installation depth 15.7 mm (PCB) or 33.3 mm (QC)
- > Special tactile feedback
- > 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)
- MICON 5 short-travel keyswitches can be used as switching element by means of the short-travel adapter
- > 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.

Pushbutton with stainless steel insert and ring illumination. Using short-stroke adapter in the pushbutton together with short-stroke pushbutton "MICON 5" as contact element, several light functions can be displayed and indicated by LEDs via the minimal installation space on the PCB.

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technical data sheet

1.30.290.121/0000

technical data

> general

/	general	
	Disassembly possible	no
	Scope of delivery	Adapter and threaded ring
	Bezel color	stainless steel
	Front ring color	stainless steel
	Ring lighting color	transparent
	Collar shape	round
	Operating temperature, min.	-25 °C
	Operating temperature, max.	70 °C
	Storage temperature, min.	-40 °C
	Storage temperature, max.	80 °C
	illuminated	Yes
	Packaging	Box
	Packaging unit	10 pcs.
	net weight	13.4 g
	Operating life	1,000,000 cycles
	B10	1,300,000 cycles
	Degree of protection, front side, according to DIN EN 60529	IP65
	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
	Impact resistance IK	08 frontal
	MOQ order	10 pcs.
	RoHS compliant	Yes
	REACH compliant	Yes
>	mounting diameters	
	Outside dimension, length	34.5 mm
	Outside dimension, width	34.5 mm
	Outside dimension, height	18.5 mm
	Mounting hole	30.3 mm
	Mounting depth	15.7 mm
	Installation height	3.6 mm
	Grid, min.	35 x 35 mm
	Collar dimension	ø 34,5 mm
>	mechanical data	
	Actuation function	momentary contact function
	Operating force, max.	100 N
	Operating travel, max.	4 mm
	Fixing	Threaded ring

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direct links

> RAFI eCatalog

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Threaded ring torque, max.

1.2 Nm

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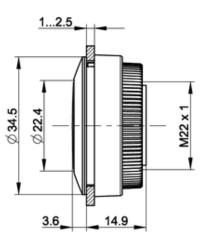
technical data sheet



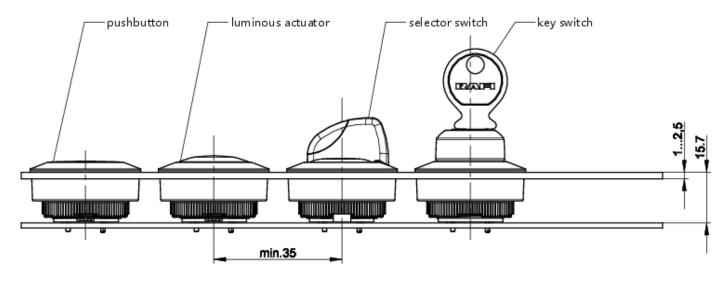


drawings

Dimensioned drawing



System drawing



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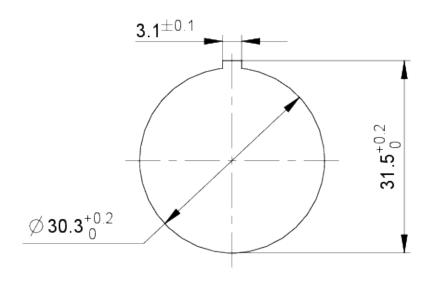
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Mounting hole drawing



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