

# RAFIX 22 FS<sup>+</sup>, illuminated pushbutton with protective cap, round collar, momentary contact function, frontring light gray, bezel yellow



#### 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 guadratisch
- > 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 yellow

Property of bezel / mushroom translucent
Front ring color light gray
Collar shape round
Operating temperature, min. -25 °C
Operating temperature, max. 70 °C

Storage temperature, max. 80 °C illuminated Yes Packaging Box

net weight 6.8 g

Operating life 1,000,000 cycles B10 1,300,000 cycles

Degree of protection, front side,

according to DIN EN 60529

Storage temperature, min.

Packaging unit

Degree of protection, front side,

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 IEC 60068-2-11

IP6K9K at 23°C water temperature

-40 °C

10 pcs.

IP65

Salt-spray resistance according to

standard

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 30 x 30 mm Grid, min. Collar dimension ø 29,8 mm

> mechanical data

Actuation function momentary contact function

Operating force, max. 100 N Operating travel, max. 4 mm

Fixing Threaded ring

direct links

> RAFI eCatalog

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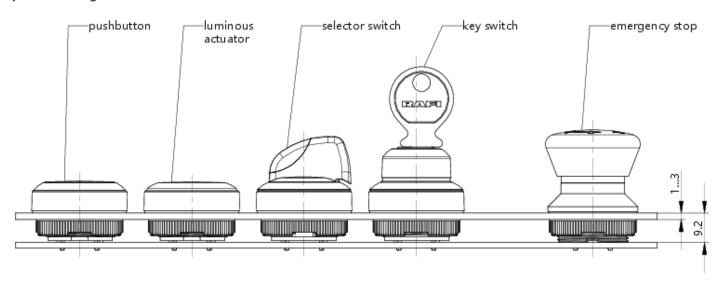


Threaded ring torque, max. 1.2 Nm

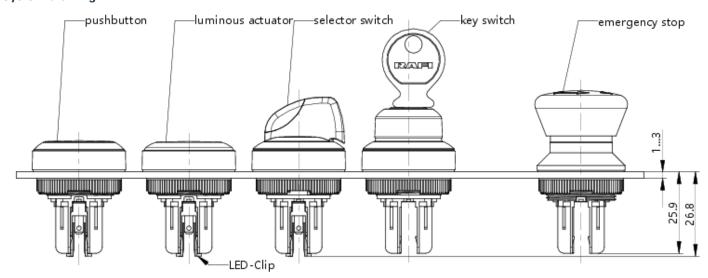


### drawings

### System drawing

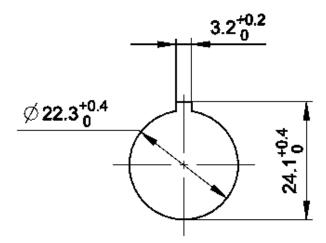


### System drawing





### Mounting hole drawing



acc. to IEC 60947-5-1

### front panel drawing

