

# **RAFIX 22 FS<sup>+</sup>, illuminated pushbutton, flat bezel, round collar, momentary contact function, frontring black, bezel green**



## **fields of application**

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

## **special features**

- Leuchtdrucktaster, Beleuchtung der Blende mit SMT-LED
- Geringe Einbautiefe 9,2 mm (PCB) bzw. 27 mm (QC)
- Besonderes taktiles Feedback
- 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 verschiedene Frontring-Variationen
- Schutzgrad: IP 65 frontseitig
- Zwei Bundformen: rund und quadratisch



## **description**

*RAFIX control components are defined by RAFI as modular elements, including of actuator element, coupling if necessary and individual contact or lighting element.*

*Actuators (such as pushbuttons, emergency-stop pushbuttons, etc.) have the specified tactility, reset and general function only in combination with the appropriate contact elements.*

Pushbutton with translucent bezel. In combination with a corresponding switching element, the bezel can be fully illuminated.

## **technical data**

### **➤ general**

illuminated	Yes
Bezel color	green
Front ring color	black

Collar shape	round
Operating temperature, min.	-25 °C
Operating temperature, max.	70 °C
Storage temperature, min.	-40 °C
Storage temperature, max.	80 °C
Packaging	Box
Packaging unit	10 pcs.
standard delivery time	3 weeks
Environment resistance	IEC 60068-2-14 IEC 60068-2-30 IEC 60068-2-33 IEC 60068-2-78
Operating life	1,000,000 Cycles
Degree of protection, front side, according to DIN EN 60529	IP65
UL Enclosure Type Rating front side	type 1 type 4X
Salt-spray resistance according to standard	IEC 60068-2-11
RoHS compliant	Yes
REACH compliant	Yes
Demontage möglich	No
MOQ order	10

**> mounting diameters**

Mounting hole	22.3 mm
Mounting depth	9.2 mm
Installation height	9.85 mm
Grid, min.	30 x 30 mm
Outside dimension, length	29.8 mm
Outside dimension, width	29.8 mm
Outside dimension, height	18.5 mm
Collar dimension	ø 29,8 mm

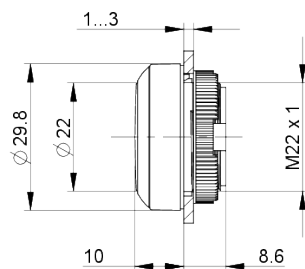
**> mechanical data**

Actuation function	momentary contact function
Operating force, max.	100 N
Operating travel, max.	4 mm
Fixing	Threaded ring
Threaded ring torque, max.	1.2 Nm

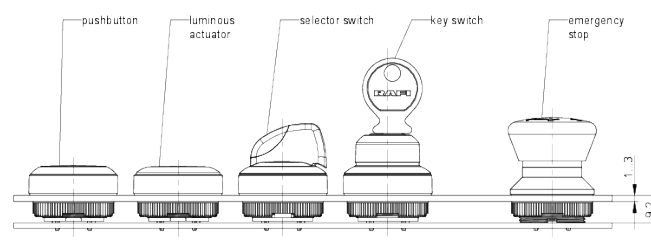
**direct links****>** [RAFI eCatalog](#)

## drawings

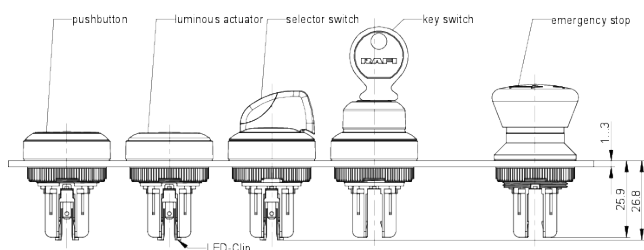
### Dimensioned drawing



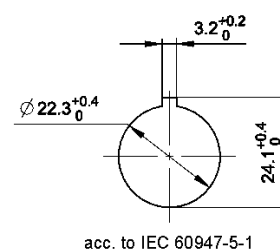
### System drawing



### System drawing



### Mounting hole drawing



### front panel drawing

