# 1.30.270.055/2608



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



### 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

Property of bezel / mushroom translucent

The information in this data sheet only contains general descriptions and / or performance features, which may not apply precisely as described to the respective application, and which my change due to further product enhancements. The technical data, illustrations and other information about our products are the mere results of individual technical testing. These descriptions and other product features are

only binding if they expressly agreed upon at the time of the conclusion of a binding contract. In all other cases, we reserve the right to make technical changes as well as changes of availability. Pictures and other graphic illustrations are approximations only. All product names may be trademarks or brand names of the RAFI Group or any other sub-supplier of RAFI. The use of such by any third parties for their own purposes may infringe the rights of the respective entity holding those rights.

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Front ring color light gray

Collar shape square -25 °C

Operating temperature, min. 70 °C Operating temperature, max. Storage temperature, min. -40 °C 80 °C Storage temperature, max. illuminated Yes

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

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

Box

Salt-spray resistance according to

standard

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

Threaded ring Fixing

Threaded ring torque, max. 1.2 Nm direct links

> RAFI eCatalog

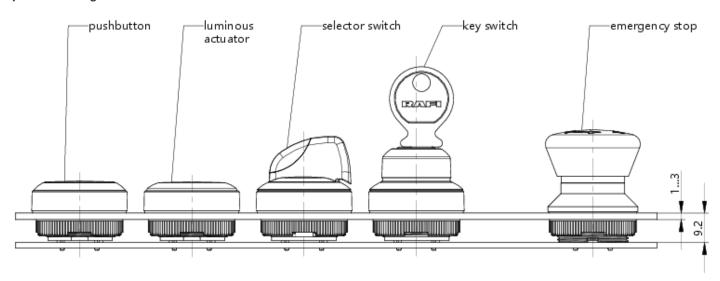
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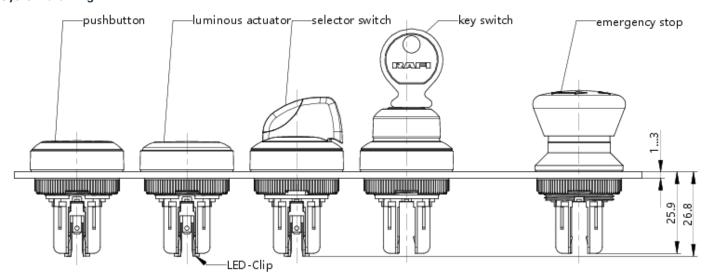


## drawings

### System drawing



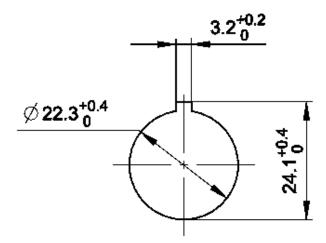
### System drawing



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#### Mounting hole drawing



acc. to IEC 60947-5-1

### front panel drawing

