

RAFIX 22 FS⁺, pushbutton with protective cap, round collar, momentary contact function, frontring light gray, bezel black



fields of application

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

special features

- > Mounting hole diameter: 22.3 mm according to IEC 60947
- > Mounting depth just 9.2 mm (with PCB switching element) or 27 mm (QC switching element)
- > Min. degree of protection IP65 according to DIN EN 60529
- > 2 collar shapes, round or square
- > Switching elements with silver contacts (max. 250 V/4 A) or gold contacts (max. 35 V/100 mA)
- > The switching elements for printed circuit boards (PCBs) can be combined with other components on a printed circuit
- > Switching elements with quick-connect terminal (QC) and LED clip for illumination
- > With the short-travel adapter, compatible with the MICON 5 tactile switch as a switching element
- > Legending on request











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.

Non-illuminated pushbutton, with protective cap for use in more difficult environmental conditions.

technical data

> general

Disassembly possible nο

Bezel color black

Property of bezel / mushroom opaque Front ring color light gray direct links

> RAFI eCatalog

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. date: Jan 23, 2025 page: 1/4

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Collar shape round Operating temperature, min. -25 °C 70 °C Operating temperature, max. -40 °C Storage temperature, min. Storage temperature, max. 80 °C illuminated No Packaging Box Packaging unit 10 pcs. 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

Degree of protection, front side,

according to ISO 20653

IP6K9K at 23°C water temperature

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

Salt-spray resistance according to

standard

IEC 60068-2-78 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 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

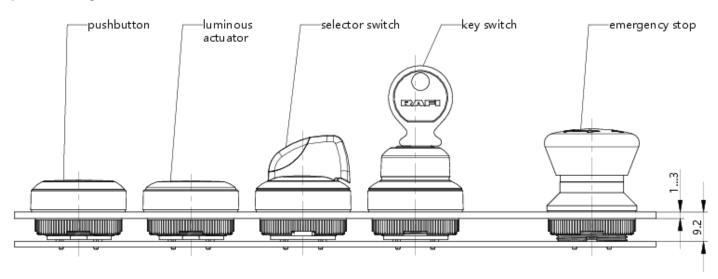
Fixing Threaded ring

Threaded ring torque, max. 1.2 Nm

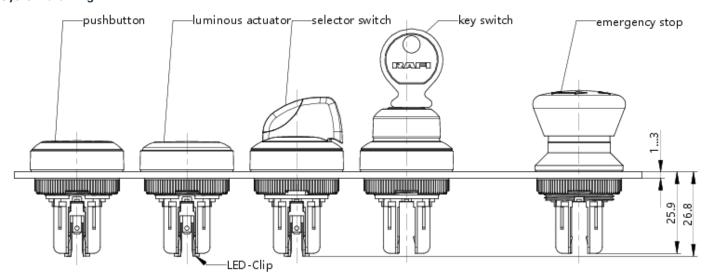


drawings

System drawing

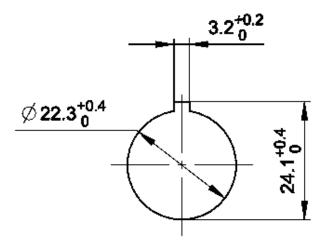


System drawing





Mounting hole drawing



acc. to IEC 60947-5-1

front panel drawing

