

RAFIX 22 FS⁺, illuminated pushbutton ring lighting, collar round, momentary contact function, frontring white, bezel black



fields of application

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

special features

- > Illuminated pushbutton with ring illumination
- > Illumination of the front ring with SMT
- > Colour of lens black
- > Low installation depth 9.2 mm (PCB) or 27 mm (QC)
- Special tactile feedback
- > Ideal for operation with gloves
- > Connection types: PCB 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)
- > With the short-travel adapter, MICON 5 short-travel keyswitches can be used as switching element
- > Degree of protection: IP 65 on front side





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 ring illumination. In combination with a corresponding switching element, the outer ring can be fully illuminated.

technical data

> general

Disassembly possible no

Bezel color black

Property of bezel / mushroom opaque Collar color black

direct links

> RAFI eCatalog

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Front ring color white Collar shape round -25 °C Operating temperature, min. Operating temperature, max. 70 °C Storage temperature, min. -40 °C 80 °C Storage temperature, max. illuminated Yes Packaging Box Packaging unit 10 pcs. net weight 7.2 g

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

IP65

IEC 60068-2-11

Degree of protection, front side, according to DIN EN 60529

UL Enclosure Type Rating front

type 1

side type 4X indoor IEC 60068-2-14 Environment resistance IEC 60068-2-30 IEC 60068-2-33 IEC 60068-2-78

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 10 mm Mounting hole 22.3 mm Mounting depth 8.5 mm Installation height 10 mm Grid, min. 30 mm

> mechanical data

Actuation function momentary contact function

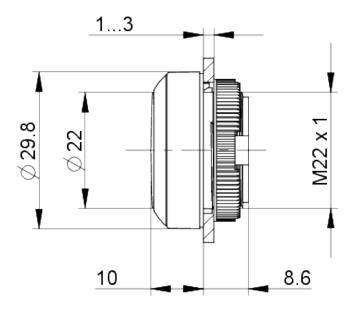
Operating torque, max. 1.2 Nm Operating travel, max. 4 mm

Fixing Threaded ring

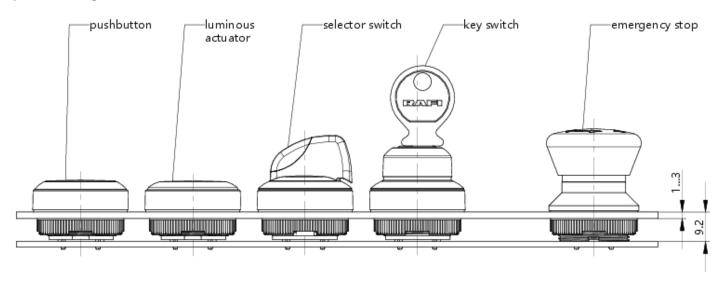


drawings

Dimensioned drawing

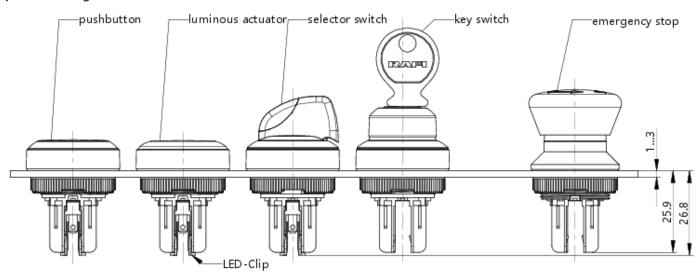


System drawing

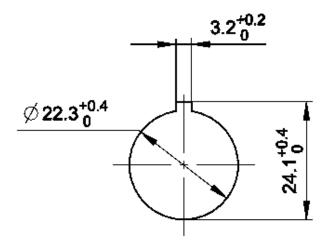




System drawing



Mounting hole drawing



acc. to IEC 60947-5-1

front panel drawing

