

# RAFIX 22 FS<sup>+</sup>, FLEXLAB illuminated pushbutton, round collar, latching, frontring metallic silver



## Description

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

The RAFIX FS+ FLEXLAB pushbutton gives the user the opportunity to individually label control components. Standard legending is offered for this. Alternatively, we offer a DIN A4 labelling sheet complete with pre-punched labels that can be printed using commercially available office laser printers. After printing, the legend inserts can be removed from the sheet and then inserted into the colour bezel with the help of the fine retaining lugs.



## technical data

### > general

|                                                             |                                                                      |
|-------------------------------------------------------------|----------------------------------------------------------------------|
| Disassembly possible                                        | no                                                                   |
| Front ring color                                            | metallic silver                                                      |
| Collar shape                                                | round                                                                |
| Operating temperature, min.                                 | -25 °C                                                               |
| Operating temperature, max.                                 | 70 °C                                                                |
| Storage temperature, min.                                   | -40 °C                                                               |
| Storage temperature, max.                                   | 80 °C                                                                |
| illuminated                                                 | Yes                                                                  |
| Packaging                                                   | Box                                                                  |
| Packaging unit                                              | 10 pcs.                                                              |
| Net weight                                                  | 7.2 g                                                                |
| Operating life                                              | 500,000 cycles                                                       |
| B10                                                         | 650,000 cycles                                                       |
| Degree of protection, front side, according to DIN EN 60529 | IP65                                                                 |
| Environment resistance                                      | IEC 60068-2-14<br>IEC 60068-2-30<br>IEC 60068-2-33<br>IEC 60068-2-78 |
| Salt-spray resistance according to standard                 | IEC 60068-2-11                                                       |
| Minimum order quantity (MOQ)                                | 10 pcs.                                                              |
| RoHS compliant                                              | Yes                                                                  |
| REACH compliant                                             | Yes                                                                  |
| Country of origin                                           | HU                                                                   |

### direct links

> RAFI eCatalog

### > mounting diameters

|                           |         |
|---------------------------|---------|
| Outside dimension, length | 29.8 mm |
|---------------------------|---------|

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

**> mechanical data**

|                            |               |
|----------------------------|---------------|
| Fixing                     | Threaded ring |
| Actuation function         | latching      |
| Operating force, max.      | 100 N         |
| Operating travel, max.     | 4 mm          |
| Threaded ring torque, max. | 1.2 Nm        |

**> Specifications according to UL 60947**

|                                |                |
|--------------------------------|----------------|
| UL Enclosure Type Rating front | type 1         |
| side                           | type 4X indoor |

**Use according to UL:**

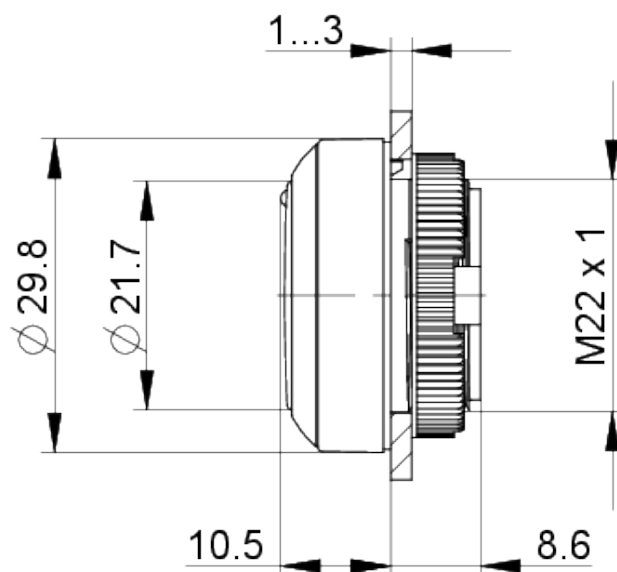
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RAFIX control devices are defined at RAFI as modular elements, consisting of an actuating element, if necessary a coupling and an individual contact or lighting unit.

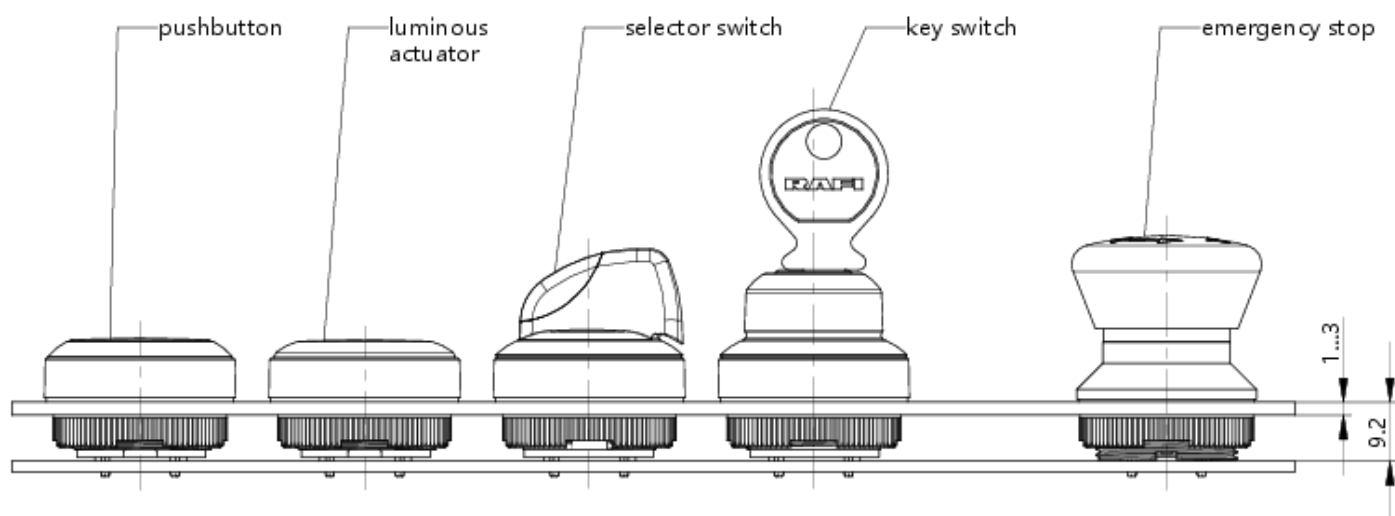
Actuating elements (such as pushbuttons, emergency stop actuators, etc.) have the intended tactility, reset and function only when assembled with the appropriate switching elements.

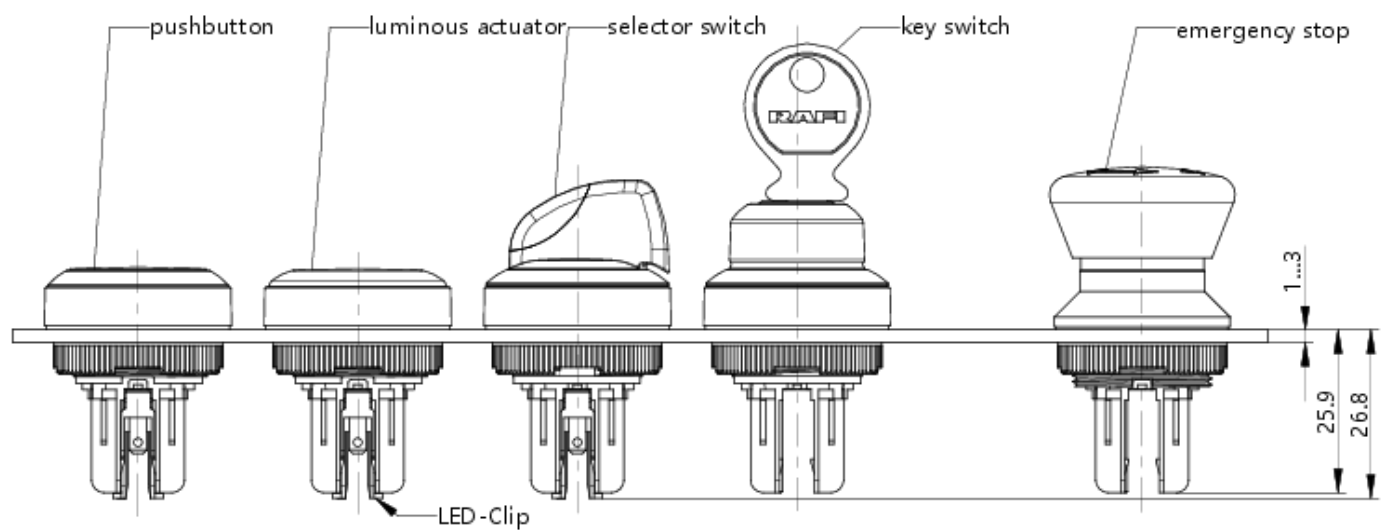
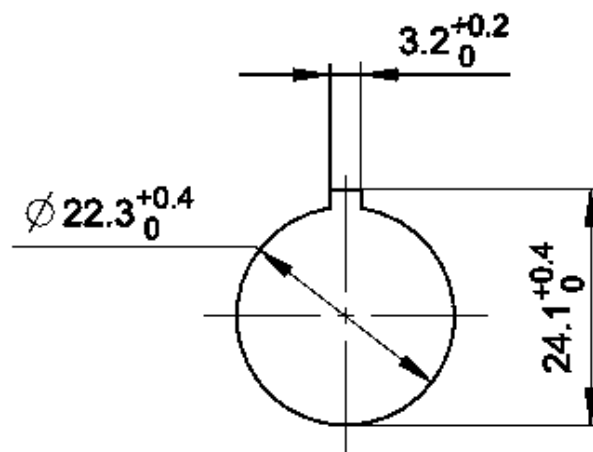
## drawings

### Dimensioned drawing



### System drawing



**System drawing****Mounting hole drawing**

acc. to IEC 60947-5-1

## front panel drawing

