

# **RAFIX 22 FS<sup>+</sup>, FLEXLAB illuminated pushbutton, square collar, latching, frontring yellow**



## **fields of application**

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



## **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.

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**

|                             |                |
|-----------------------------|----------------|
| illuminated                 | Yes            |
| Front ring color            | yellow         |
| Collar shape                | square         |
| 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.        |
| Environment resistance      | IEC 60068-2-14 |
|                             | IEC 60068-2-30 |

### **direct links**

- [RAFI eCatalog](#)

|                                                                |                   |
|----------------------------------------------------------------|-------------------|
|                                                                | IEC 60068-2-33    |
|                                                                | IEC 60068-2-78    |
| Operating life                                                 | 500,000 Cycles    |
| Degree of protection, front side,<br>according to DIN EN 60529 | IP65              |
| UL Enclosure Type Rating front<br>side                         | type 1<br>type 4X |
| Salt-spray resistance according to<br>standard                 | IEC 60068-2-11    |
| RoHS compliant                                                 | Yes               |
| REACH compliant                                                | Yes               |
| Demontage möglich                                              | No                |

**> mounting diameters**

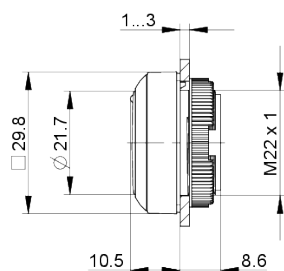
|                           |                |
|---------------------------|----------------|
| Mounting hole             | 22.3 mm        |
| Mounting depth            | 9.2 mm         |
| Installation height       | 9.85 mm        |
| Grid, min.                | 30 x 30 mm     |
| Outside dimension,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

**> mechanical data**

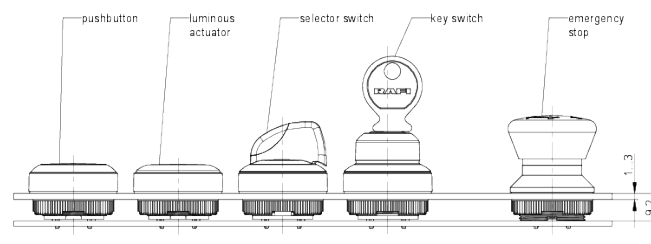
|                            |               |
|----------------------------|---------------|
| Actuation function         | latching      |
| Operating force, max.      | 100 N         |
| Operating travel, max.     | 4 mm          |
| Fixing                     | Threaded ring |
| Threaded ring torque,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

## drawings

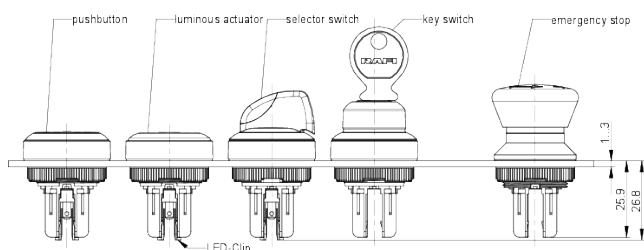
### Dimensioned drawing



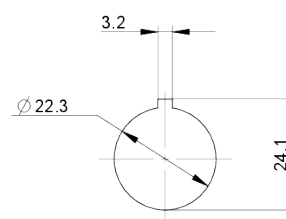
### System drawing



### System drawing



### Mounting hole drawing



### front panel drawing

