


RAFIX 22 FSR, pushbutton, round collar, momentary contact function, frontring black, bezel black



fields of application

➤ Measurement-control-regulation

➤ Mechanical and system engineering

➤ Agricultural and forestry machinery

➤ Construction machinery

special features

➤ Pushbutton opaque with protective cap, not illuminable.

➤ The protective cap reinforces the protection against liquids, dirt and chips.

➤ Low mounting depth 9.2 mm (PCB) or 27 mm (QC)

➤ Ideal for operation with gloves

➤ Connection types: printed circuit board 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)

➤ Due to the tactile switch adapter MICON 5 tactile switches can be used as switching element

➤ Degree of protection: IP 65 / IP 69 front side

➤ Labeling and front rings in other colors 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 | no |
| Bezel color | black |
| Property of bezel / mushroom | opaque |

| | |
|--|--|
| Front ring color | black |
| Collar shape | round |
| Operating temperature, min. | -40 °C |
| Operating temperature, max. | 85 °C |
| Storage temperature, min. | -40 °C |
| Storage temperature, max. | 85 °C |
| illuminated | No |
| Packaging | Box |
| Packaging unit | 10 pcs. |
| net weight | 10.9 g |
| Operating life | 1,000,000 cycles |
| B10 | 1,300,000 cycles |
| Degree of protection, front side, according to DIN EN 60529 | IP65 IP69 with water spray distance >25 cm |
| UL Enclosure Type Rating front side | type 1 type 4X indoor |
| Environment resistance | IEC 60068-2-14 IEC 60068-2-30 IEC 60068-2-33 IEC 60068-2-78 |
| Salt-spray resistance according to standard | IEC 60068-2-11 |
| Impact resistance IK | 06 |
| MOQ order | 10 pcs. |
| RoHS compliant | Yes |
| REACH compliant | Yes |

➤ **mounting diameters**

| | |
|---------------------------|------------|
| Outside dimension, length | 31.3 mm |
| Outside dimension, width | 31.3 mm |
| Outside dimension, height | 21 mm |
| Mounting hole | 22.3 mm |
| Mounting depth | 9.2 mm |
| Installation height | 12.2 mm |
| Grid, min. | 32 x 32 mm |
| Collar dimension | ø 31,3 mm |

➤ **mechanical data**

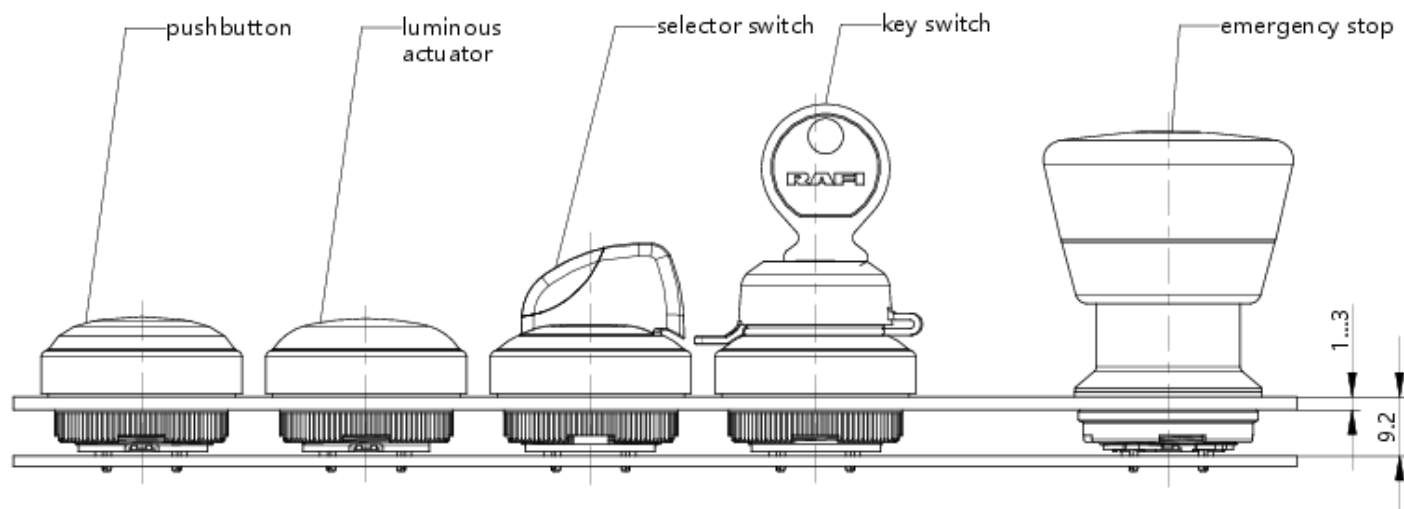
| | |
|----------------------------|----------------------------|
| Actuation function | momentary contact function |
| Operating force, max. | 100 N |
| Operating travel, max. | 4 mm |
| Fixing | Threaded ring |
| Threaded ring torque, max. | 1.2 Nm |

direct links

➤ [RAFI eCatalog](#)

drawings

System drawing



System drawing

