

RAFIX 22 FS⁺, illuminated selector switch, round collar, frontring slate gray, 2 x 60°, latching



fields of application

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

special features

- Beleuchtung der der Drehgriffmarkierung mit SMT-LED
- Farbige Ausleuchtung mit farbigen LEDs möglich
- Geringe Einbautiefe 9,2 mm (PCB) bzw. 27 mm (QC)
- Anschlussarten: Leiterplattenanschluss (PCB) oder Steckanschluss (QC)
- Die PCB-Schaltelemente minimieren Montagefehler
- Schaltelemente mit Silberkontakten (max. 250 V/4 A) oder Goldkontakten (max. 35 V/100 mA)
- Design-Anpassung durch verschiedene Frontring-Variationen
- Schutzgrad: IP 65 frontseitig
- Zwei Bundformen: rund und quadratisch



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.

The translucent handle marking can be illuminated if combined with a corresponding switching element.

For colored illumination of the handle marking, please use colored LEDs.

technical data

➤ general

Disassembly possible	no
Front ring color	slate gray
Collar shape	round

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 may 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: Feb 16, 2021 page: 1/3

RAFI GmbH & Co. KG

Ravensburger Str. 128-134
88276 Berg / Ravensburg
Germany
www.rafi.de, info@rafi.de

Operating temperature, min.	-25 °C
Storage temperature, min.	-40 °C
Operating temperature, max.	70 °C
Storage temperature, max.	80 °C
illuminated	Yes
Packaging	Box
Packaging unit	10 pcs.
net weight	10 g
Operating life	300,000 Cycles
B10	390,000 Cycles
Degree of protection, front side, according to DIN EN 60529	IP65
UL Enclosure Type Rating front side	type 1 type 4X
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
MOQ order	50
RoHS compliant	Yes
REACH compliant	Yes

> mounting diameters

Mounting hole	22.3 mm
Mounting depth	9.2 mm
Installation height	22.24 mm
Grid, min.	30 x 30 mm
Outside dimension, length	29.8 mm
Outside dimension, width	29.8 mm
Outside dimension, height	32.4 mm
Collar dimension	ø 29,8 mm

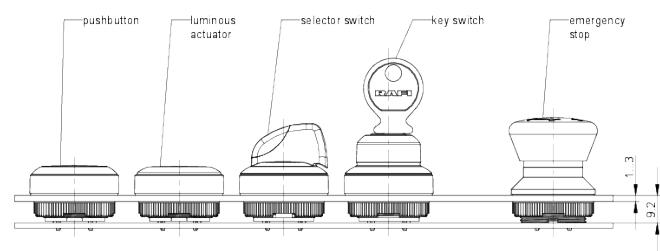
> mechanical data

Actuation function	latching
Operating torque	1.5 Nm
Rotating angle	2 x 60°
Fixing	Threaded ring
Threaded ring torque, max.	1.2 Nm

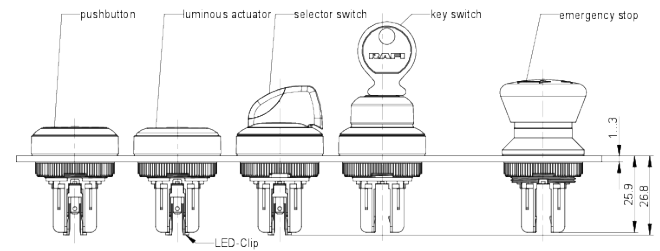
direct links**>** [RAFI eCatalog](#)

drawings

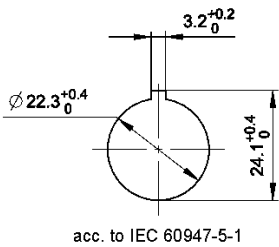
System drawing



System drawing



Mounting hole drawing



front panel drawing

