

## RAFIX 22 FS<sup>+</sup>, keylock switch SSG10, collar round, frontring metallic silver, 1 x 90°, shape V, latching, key removal position 0



### fields of application

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

### special features

- Low installation depth 9.2 mm (PCB) or 27 mm (QC)
- Connection types: printed circuit board connection (PCB) or plug-in connection (QC)
- PCB switching elements minimize mounting errors
- Switching elements with silver contacts (max. 250 V/4 A) or gold contacts (max. 35 V/100 mA)
- Design adaptation through different front ring variations

## 🔍 CE 🞯 cWus

### 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 locking systems we use were developed by renowned lock manufacturers in accordance with the DIN EN 1303 standard. They are open, mechanical systems which, depending on the environmental conditions, require occasional maintenance (e.g. greasing) by the machine or system operator.

We have developed and fully qualified our key switches with RAFI reference keys. Under certain circumstances, plant operators may be using various low-cost key copies or third-party keys whose function and tactility may differ.

Der Schlüsselschalter "SSG10" Ist autorisiert und wird hauptsächlich in industriellen Anlagen für die Automobil-Industrie verwendet. Im Lieferumfang ist ein Schlüssel enthalten.

### technical data

> general	
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Scope of delivery	Without key
Disassembly possible	no
Color	dark gray
Collar color	dark gray
Front ring color	metallic silver



direct links

RAFI eCatalog

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 my 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 23, 2021 **page**: 1/3

### RAFI GmbH & Co. KG

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

### 1.30.275.801/0000



	Collar shape	round
	Operating temperature, min.	-25 °C
	Storage temperature, min.	-40 °C
	Operating temperature, max.	70 °C
	Storage temperature, max.	80 °C
	illuminated	No
	Packaging	Box
	Packaging unit	2 pcs.
	net weight	39.6 g
	Operating life	90,000 Cycles
	B10	117,000 Cycles
	UL Enclosure Type Rating front	type 1
	side	type 4X
	MOQ order	10
	RoHS compliant	Yes
>	mounting diameters	
	Mounting hole	22.3 mm
	Mounting depth	9.2 mm
	Installation height	40.6 mm
	Grid, min.	30 mm
	Outside dimension, width	29.8 mm
>	mechanical data	
	Actuation function	latching
	Operating torque	1.3 Nm
	Resistance to force on the side	100 N
	Locking position	SSG10
	Number of locking positions	1
	Key removal position	0
	Rotating angle	1 x 90°, shape V
	Fixing	Threaded ring
	Threaded ring torque, max.	1.2 Nm



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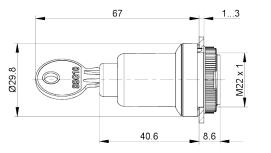
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### 1.30.275.801/0000

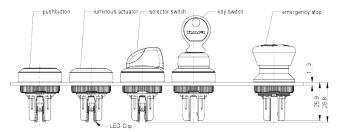


### drawings

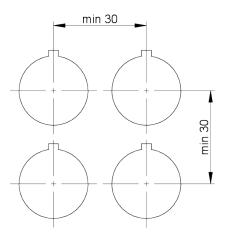
### **Dimensioned drawing**



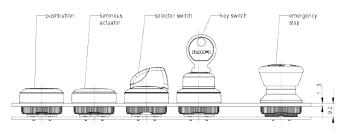
### System drawing



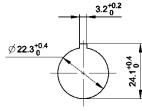
### front panel drawing



### System drawing



### Mounting hole drawing



acc. to IEC 60947-5-1



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2019 version 1.0



