## 1.20.126.101/9000



# RAFIX FS switching element universal QC, gold, light guide, for LED clip, 1 NC



#### fields of application

- > Measurement-control-regulation
- > Electrical engineering
- > Mechanical and system engineering
- > Signalling systems
- > Vehicle construction
- > Agricultural and forestry machinery
- > Construction machinery
- > Handheld terminals
- > Industrial robots







## description

These switching elements have external plungers and therefore can only be combined with pushbuttons, selector switches and keylock switches.

The QC switching elements can be latched into the actuators without the need for tools and with little effort. Wiring is performed in the conventional manner – directly with male quick-connect terminals. The fast and inexpensive version – in cases where no PCB is cost-effective.

### QC mounting depths

- 26.8 mm for RAFIX 22 FS+ and RAFIX 22 FSR
- 32.8 mm for RAFIX 30 FS+:

## technical data

out and		
general		
illuminated	Yes	direct links
Color	dark gray	> RAFI eCatalog
Operating temperature, min.	-40 °C	
Operating temperature, max.	85 °C	
Storage temperature, min.	-40 °C	
Storage temperature, max.	85 °C	
Luminous elements	LED	
Lamp socket	LED clip	
Vibration-resistance according to standard IEC 600068-2-6	5 g at 10 - 500 Hz	

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.

RAFI GmbH & Co. KG

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

# 1.20.126.101/9000



Shock resistance according to

standard IEC 60068-2-27

Packaging unit 10 pcs. net weight 3.2 g

Environment resistance IEC 60068-2-14

IEC 60068-2-30 IEC 60068-2-33 IEC 60068-2-78

15 g at 11 ms amplitude semi-sinusoidal

Operating life 1,000,000 Cycles B10 1,300,000 Cycles

RoHS compliant Yes
REACH compliant Yes
Demontage möglich No

> mounting diameters

Mounting depth 27 mm
Outside dimension, width 30.5 mm
Outside dimension, height 20.3 mm

> mechanical data

Operating force, max. 100 N Contact function 1 NC

Contact system Bridge contact

Contact material Gold
Fixing Latching

Terminal on the rear Flat quick-connect terminal 2.8 x 0.8

Anschluss Kennzeichnung Normally Closed: 11/12, 21/22

Lötbarkeit No

> electrical data

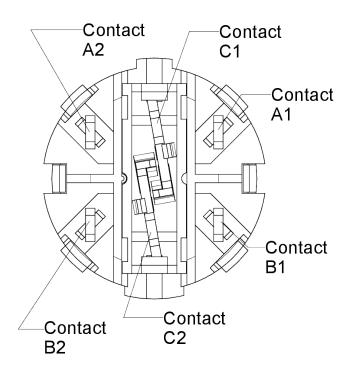
Rated voltage, min. 1 V
Rated current, min. 0 A
Rated current, max. 0.1 A
Rated power, max. 250 W

# 1.20.126.101/9000



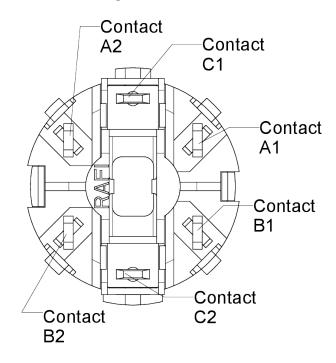
## drawings

## **Connection drawing**



Contact block, "Plus 1"

#### **Connection drawing**



Contact block with LED-Clip

RAFI GmbH & Co. KG