

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



fields of application

- > Measurement-control-regulation
- > Mechanical and system engineering
- > Agricultural and forestry machinery
- > Construction machinery

special features

Illuminated pushbutton with protective cap 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 switches can be used as switching element Degree of protection: IP 65 / IP 69 front side Front panel illumination with SMT-LED 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.

Illuminated pushbutton, with protective cap for use in more difficult environmental conditions.

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**: Aug 31, 2024 **page**: 1/3

RAFI GmbH & Co. KG

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

1.30.280.001/2201

technical data



> general		
Disassembly possible	no	direct links
Bezel color	white	➤ RAFI eCatalog
Property of bezel / mushroom	translucent	
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	Yes	
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,	IP65	
according to DIN EN 60529	IP69 with water spray distance >25 cm	
UL Enclosure Type Rating front	type 1	
side	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, may	1.2 Nm	

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1.2 Nm

Threaded ring torque, max.

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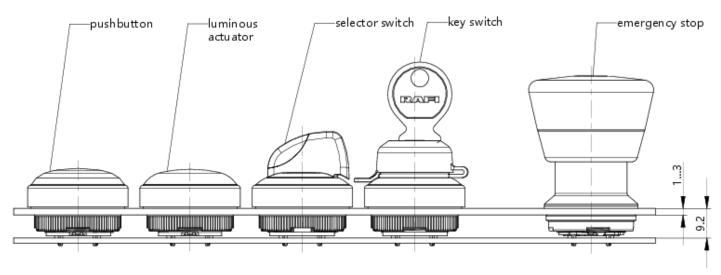
technical data sheet



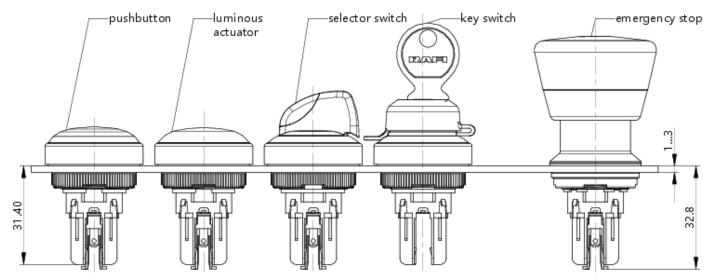


drawings

System drawing



System drawing



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