

RAFIX 22 QR, pushbutton, flat bezel, round collar, momentary contact function, frontring metallic silver, bezel black



fields of application

- > Measurement-control-regulation
- > Electrical engineering
- > Mechanical and system engineering
- > Vehicle construction

special features

- > Opaque bezels, not illuminable
- Design adaptations through different front rings in shape and color
- Firmly molded collar seal, cannot twist or be lost during installation.
- 1-person mounting: the element is clamped by the seal in the mounting hole, and then can be screwed from behind.
- Coupling with bayonet lever as a safeguard against unintentional release of the switching element
- Robust also suitable for operation with gloves
- > Degree of protection: IP 65 at the front
- > Mounting diameter 22.3 mm
- > Separate switching elements required
- Close mounting of actuators (min. 30 x 50 mm) possible, as wiring is axial from behind
- Switching elements with silver contacts (max. 400 V) or gold contacts (max. 35 V / 100 mA)
- Connection types switching elements: cage clamp, screw connection or plug-in connection



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technical data sheet 1.30.240.121/0100



description

RAFIX control units are modular units consisting of several parts. In the RAFIX 22 QR family, they always consist of an actuating element, coupling, and switching element, or of a light attachment, coupling, and lamp socket. For assembly, the switching elements and lamp holders are first snapped into the coupling. Then this unit is snapped onto the actuating element or the signal lamp. To release, a bayonet lever must be actuated.

Actuating elements (such as pushbuttons or emergency stop actuators) have the specified tactility and function only when assembled with the appropriate switching elements. For illuminated actuators and illuminated attachments, please use a lamp socket / LED element as the middle element in the coupling.

For RAFIX 22 QR actuating elements, you can choose between two collar shapes: round and square. The mounting diameter is 22.3 mm according to the standard. The anti-rotation lug can be easily removed with a screwdriver if necessary.

Additional information according to UL certificate:

> These devices should be mounted in an overall enclosure with sufficient stability and with the specified clearances.

technical data

>	general		
	Bezel color	black	direct links
	Property of bezel / mushroom	opaque	➤ RAFI eCatalog
	Front ring color	metallic silver	
	Collar shape	round	
	Operating temperature, min.	-25 °C	
	Operating temperature, max.	70 °C	
	Storage temperature, min.	-40 °C	
	Storage temperature, max.	80 °C	
	illuminated	No	
	Packaging	Box	
	Packaging unit	10 pcs.	
	net weight	13.7 g	
	Operating life	1,000,000 cycles	
	B10	1,300,000 cycles	
	Degree of protection, front side,	IP65	
	according to DIN EN 60529		
	Environment resistance	IEC 60068-2-14	
		IEC 60068-2-30	
		IEC 60068-2-33	
	MOO and a	IEC 60068-2-78	
	MOQ order	50 pcs.	
	RoHS compliant	Yes	
	REACH compliant	Yes	

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> mounting diameters

1	mounting diameters		
	Outside dimension, length	29.8 mm	
	Outside dimension, width	29.8 mm	
	Outside dimension, height	32.3 mm	
	Mounting hole	22.3 mm	
	Mounting depth	56.4 mm	
	Installation height	9.4 mm	
	Grid, min.	50 x 30 mm	
	Collar dimension	ø 29,8 mm	
2	> 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	

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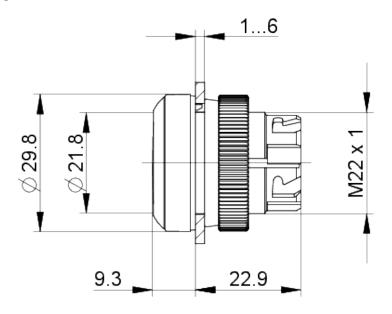
technical data sheet



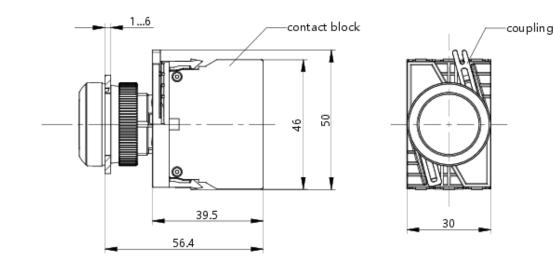


drawings

Dimensioned drawing



System drawing



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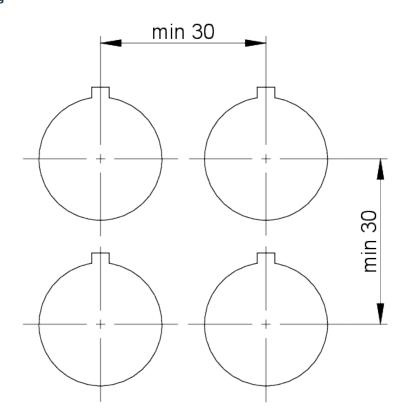
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front panel drawing



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