

RAFIX 22 QR, pushbutton, flat bezel, round collar, latching, 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
- > 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
- > Switching elements with silver contacts (max. 400 V) or gold contacts (max. 35 V /
- > Connection types switching elements: cage clamp, screw connection or plug-in connection









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.

technical data

>	general	

Bezel color black

Property of bezel / mushroom opaque

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 500,000 cycles

B10 650,000 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 IEC 60068-2-78

MOQ order 10 pcs.

RoHS compliant Yes

REACH compliant Yes

> mounting diameters

Outside dimension, length
Outside dimension, width
29.8 mm
Outside dimension, width
32.3 mm
Mounting hole
22.3 mm
Mounting depth
56.4 mm
Installation height
9.4 mm

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.

RAFI GmbH & Co. KG



Grid, min. 50 x 30 mm

Collar dimension Ø 29,8 mm

> mechanical data

Actuation function latching
Operating force, max. 100 N
Operating travel, max. 4 mm

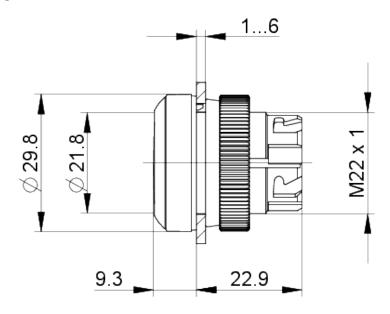
Fixing Threaded ring

Threaded ring torque, max. 1.2 Nm

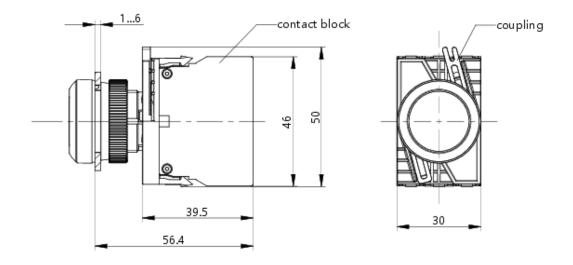


drawings

Dimensioned drawing

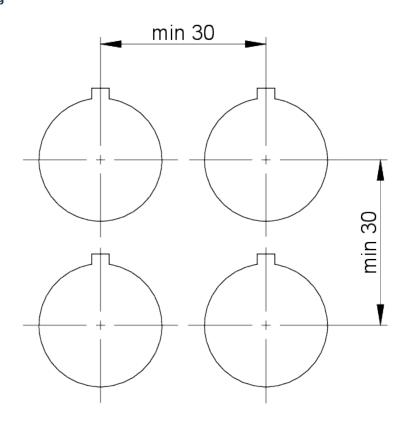


System drawing





front panel drawing



Ravensburger Str. 128-134

RAFI GmbH & Co. KG