

# RAFIX 22 QR, illuminated pushbutton, protruding bezel, round collar, momentary contact function, frontring metallic silver, bezel yellow



#### fields of application

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

#### special features

- > Transparent panels, illuminable
- > Lettering with inserts possible
- Firmly moulded collar seal, cannot twist or be lost during installation.
- I-person mounting: the element is clamped in the mounting hole by the seal and can then bescrewed in from behind.
- Robust also suitable for operation with gloves on
- > Degree of protection: IP 65 at the front
- > Mounting diameter 22.3 mm
- > Separate switching elements required
- Close mounting of actuators possible (min. 30 x 50 mm), 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



### 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.

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

# 1.30.240.221/1400

Property of bezel / mushroom

Operating temperature, min.

Operating temperature, max. Storage temperature, min.

Storage temperature, max.

Degree of protection, front side, according to DIN EN 60529 Environment resistance yellow

round -25 °C

70 °C

-40 °C 80 °C

Yes

Box

10 pcs.

13.7 g

IP65

10 pcs.

29.8 mm

29.8 mm

35.35 mm

22.3 mm 56.4 mm

12.45 mm

50 x 30 mm

ø 29,8 mm

100 N

4 mm

1.2 Nm

Threaded ring

momentary contact function

Yes

Yes

1,000,000 cycles

1,300,000 cycles

IEC 60068-2-14 IEC 60068-2-30 IEC 60068-2-33 IEC 60068-2-78

transparent

metallic silver

# technical data

Front ring color

Collar shape

illuminated

Packaging

net weight

MOQ order

**RoHS** compliant

**REACH** compliant

> mounting diameters

Mounting hole

Mounting depth Installation height

Collar dimension

Operating force, max. Operating travel, max.

Threaded ring torque, max.

> mechanical data Actuation function

Grid, min.

Fixing

Outside dimension, length

Outside dimension, width

Outside dimension, height

B10

Packaging unit

Operating life

Bezel color

> general



#### direct links

RAFI eCatalog

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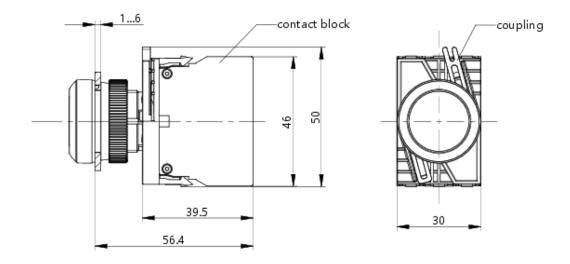
#### technical data sheet



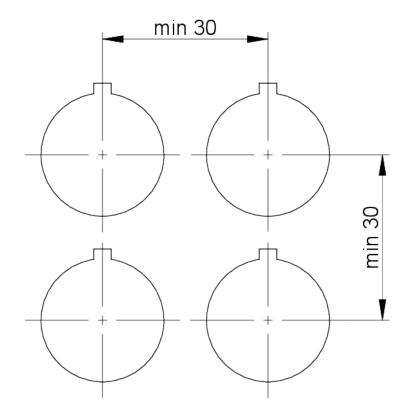


# drawings

#### System drawing



#### front panel drawing



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