### 1.30.090.012/1300



# RAFIX 16 F, illuminated pushbutton, flat bezel, round collar, bezel red



#### fields of application

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

#### special features

- > Transparent panels, illuminable
- > Lettering with inserts possible
- > Flat construction
- > Robust also suitable for operation with gloves
- > Degree of protection: IP 65 at the front
- > Separate switching elements required
- > Close mounting of actuators possible due to axial wiring from behind
- > Switching elements with silver contacts (max. 250 V / 6 A) or gold contacts (max. 35 V / 0.25 A)
- > Connection types: screw connection, plug-in connection, PCB plug-in socket







### description

RAFIX command devices are modular units consisting of several parts. In the RAFIX 16 F product family, these always consist of an actuating element and a switching element, or an indicator lamp and a lamp socket. Actuating elements (such as pushbuttons or emergency stop actuators) have the specified tactility, reset and function only when assembled with the appropriate switching elements. For illuminated actuators, please use switching elements with lamp socket.

For RAFIX 16F actuators, you can choose between two collar shapes: round and square. Both are characterized by an extremely flat design. The round collar shape has an anti-rotation lug that can be easily removed with a screwdriver if necessary. The square actuators can be placed collar to collar to create a closed keypad.

### technical data

Bezel color red

Property of bezel / mushroom transparent Collar color metallic silver

Collar shape round Operating temperature, min. -25 °C Operating temperature, max. 70 °C -40 °C Storage temperature, min. Storage temperature, max. 85 °C illuminated Yes

direct links

> RAFI eCatalog

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Packaging Box
Packaging unit 10 pcs.
net weight 7.8 g

Operating life 2,000,000 cycles B10 2,600,000 cycles

Degree of protection, front side, according to DIN EN 60529

Environment resistance IEC 60068-2-14

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

**IP65** 

Protection class II

MOQ order 10 pcs.

RoHS compliant Yes

REACH compliant Yes

### > mounting diameters

Outside dimension, length 28 mm Outside dimension, width 28 mm Outside dimension, height 26.2 mm Mounting hole 22.3 mm Mounting depth 50 mm Installation height 1.9 mm Grid, min. 30 x 30 mm Collar dimension ø 28 mm

### > mechanical data

Operating force, max. 100 N

Fixing Threaded ring

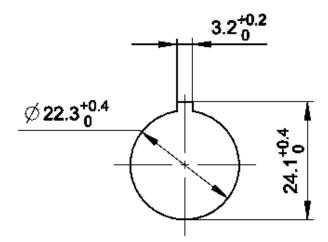
Threaded ring torque, max. 1.2 Nm

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## drawings

### Mounting hole drawing



acc. to IEC 60947-5-1