

# RAFIX 30 FS<sup>+</sup>, pushbutton, round collar, momentary contact function, frontring stainless steel, bezel black



#### fields of application

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

#### special features

- > Drucktaster mit opaken Blenden, nicht beleuchtbar
- > Geringe Bauhöhe 3,45 mm
- > Formschöner Frontring aus Edelstahl
- > Geringe Einbautiefe 15,7 mm (PCB) bzw. 33,3 mm (QC)
- > Besonderes taktiles Feedback
- > Ideal für die Bedienung mit Handschuhen
- > Anschlussarten: Leiterplattenanschluss (PCB) oder Steckanschluss (QC)
- > Die PCB-Schaltelemente minimieren Montagefehler
- > Schaltelemente mit Silberkontakten (max. 250 V/4 A) oder Goldkontakten (max. 35 V/100 mA)
- > Durch den Kurzhubadapter können MICON 5 Kurzhubtaster als Schaltelement verwendet werden
- > Schutzgrad: IP 65 frontseitig



#### 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.

Pushbuttons with opaque and therefore non-illuminable bezels.

#### technical data

#### > general

Disassembly possible no

black

Bezel color

Front ring color

Property of bezel / mushroom

opaque

stainless steel

Collar shape

round

Operating temperature, min.

-25 °C

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: 1/4

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direct links

> RAFI eCatalog

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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 13.4 g

Operating life 1,000,000 cycles B10 1,300,000 cycles

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

IP65

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 IK08 frontalMOQ order10 pcs.RoHS compliantYesREACH compliantYes

#### mounting diameters

Outside dimension, length 34.5 mm Outside dimension, width 34.5 mm Outside dimension, height 18.5 mm Mounting hole 30.3 mm Mounting depth 15.7 mm Installation height 3.45 mm Grid, min. 35 x 35 mm Collar dimension ø 34,5 mm

#### > mechanical data

Actuation function momentary contact function

Operating force, max. 100 N
Operating travel, max. 4 mm

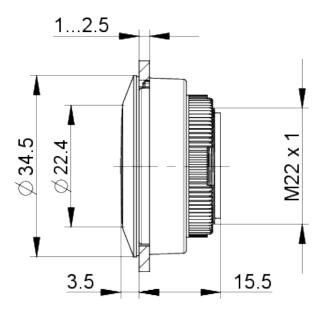
Fixing Threaded ring

Threaded ring torque, max. 1.2 Nm

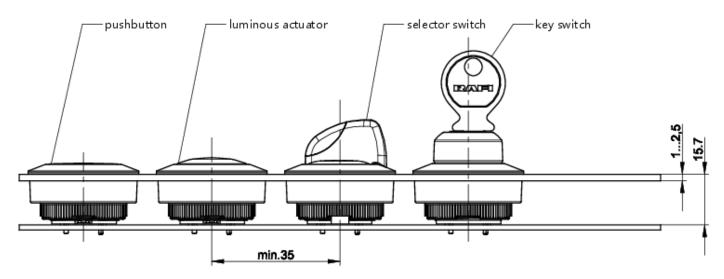


### drawings

#### **Dimensioned drawing**



#### System drawing





#### Mounting hole drawing

