### 1.30.290.122/2600



# RAFIX 30 FS+, illuminated pushbutton ring and spot illumination, round collar, momentary contact function, frontring stainless steel, Color blue, bezel stainless steel

#### **NEW**



#### fields of application

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

#### special features

- > illumination with SMT-LED
- > Function momentary
- > Low overall height 3.45 mm
- > Shapely front ring made of stainless steel
- > Low installation depth 15.7 mm (PCB) or 33.3 mm (QC)
- > Special tactile feedback
- > Ideal for operation with gloves
- > Connection types: printed circuit board connection (PCB) or plug-in connection (QC)PCB switching elements minimize assembly errors
- > Switching elements with silver contacts (max. 250 V/4 A) or gold contacts (max. 35 V/100 mA)
- > MICON 5 short-travel keyswitches can be used as switching element by means of the short-travel adapter
- > Degree of protection: IP 65 at the front









### 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.

Pushbutton with stainless steel insert, spot and ring illumination. Using short-stroke adapter in the pushbutton together with shortstroke pushbutton "MICON 5" as contact element, several light functions can be displayed and indicated by LEDs via the minimal installation space on the PCB.

#### technical data

#### > general

Disassembly possible nο

Bezel color stainless steel Front ring color stainless steel

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Ring lighting color blue
Collar shape round

Operating temperature, min. -25 °C

Operating temperature, max. 70 °C

Storage temperature, min. -40 °C

Storage temperature, max. 80 °C

illuminated Yes

Packaging Box
Packaging unit 10 pcs.

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

Degree of protection, front side,

according to DIN EN 60529

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 IEC 60068-2-11

**IP65** 

Salt-spray resistance according to

standard

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 3.6 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

direct links

> RAFI eCatalog

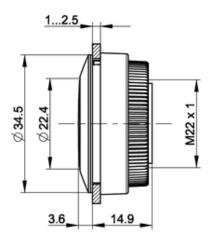
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### drawings

#### **Dimensioned drawing**



#### System drawing

