

RAFIX 30 FS⁺, FLEXLAB illuminated pushbutton, round collar, latching, frontring stainless steel



fields of application

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

special features

- Illuminated push-button with FLEXLAB technology for easy labeling of the panel
- Illumination of the cover with SMT LED
- Low overall height 3.45 mm
- Elegant stainless steel front ring
- Low installation depth 15.7 mm (PCB) or 33.3 mm (QC)
- Special tactile feedback
- Ideal for operation with gloves
- Connection types: PCB connection (PCB) or quick connect (QC)
- The PCB switching elements minimize assembly errors
- Switching elements with silver contacts (max. 250 V/4 A) or gold contacts (max. 35 V/100 mA)
- The short-stroke adapter allows MICON 5 tactile switches to be used as switching elements
- Degree of protection: IP 65 on 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 translucent bezel. In combination with a corresponding switching element, the bezel can be fully illuminated.

The RAFIX FS+ FLEXLAB pushbutton gives the user the opportunity to individually label control components. Standard legending is offered for this. Alternatively, we offer a DIN A4 labelling sheet complete with pre-punched labels that can be printed using commercially available office laser printers. After printing, the legend inserts can be removed from the sheet and then inserted into the colour bezel with the help of the fine retaining lugs.

technical data

> general

Disassembly possible	no
Front ring color	stainless steel
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.
net weight	13.4 g
Operating life	500,000 cycles
B10	650,000 cycles
Degree of protection, front side, according to DIN EN 60529	IP65
UL Enclosure Type Rating front side	type 1 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 IK	08 frontal
MOQ order	10 pcs.
RoHS compliant	Yes
REACH compliant	Yes

> 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

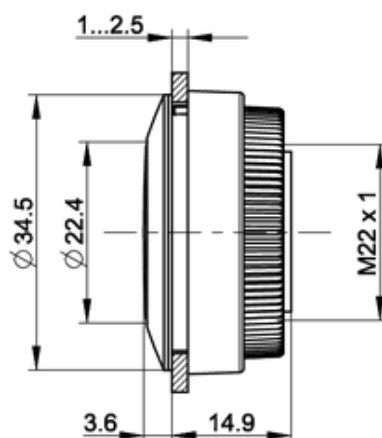
Actuation function	latching
Operating force, max.	100 N
Operating travel, max.	4 mm
Fixing	Threaded ring
Threaded ring torque, max.	1.2 Nm

direct links

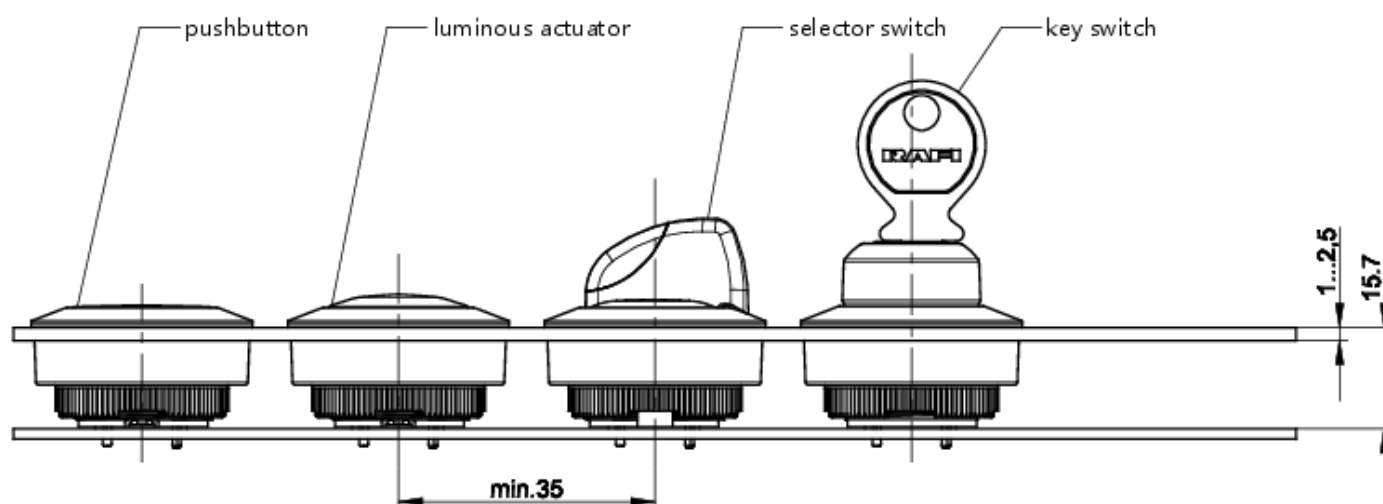
> [RAFI eCatalog](#)

drawings

Dimensioned drawing



System drawing



Mounting hole drawing