

# RAFIX 30 FS<sup>+</sup>, illuminated pushbutton, round collar, latching, frontring stainless steel, bezel yellow



## fields of application

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

#### special features

- > 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.

Pushbutton with translucent bezel. In combination with a corresponding switching element, the bezel can be fully illuminated.

technical data		
> general		
Disassembly possible	no	direct links
Bezel color	yellow	> RAFI eCatalog
Property of bezel / mushroom	translucent	
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	

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**: Nov 15, 2024 **page**: 1/4

#### RAFI GmbH & Co. KG

#### technical data sheet

>

>

# 1.30.290.031/2400



illuminated Packaging Packaging unit net weight Operating life B10 Degree of protection, front side, according to DIN EN 60529	Yes Box 10 pcs. 13.4 g 500,000 cycles 650,000 cycles IP65	
UL Enclosure Type Rating front side	type 1 type 4X indoor	
Environment resistance	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	

#### RAFI GmbH & Co. KG

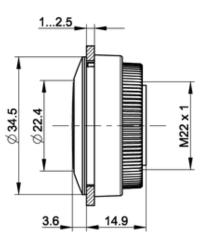
#### technical data sheet



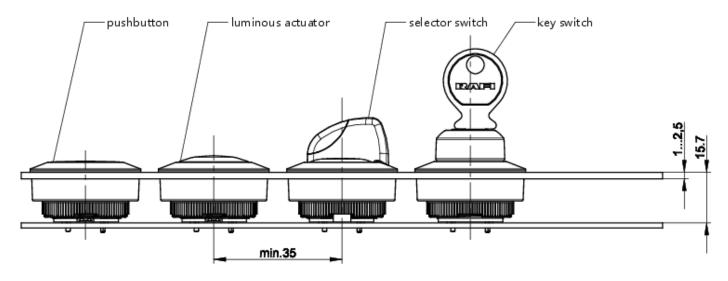


# drawings

### **Dimensioned drawing**



### System drawing



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**: Nov 15, 2024 **page**: 3/4

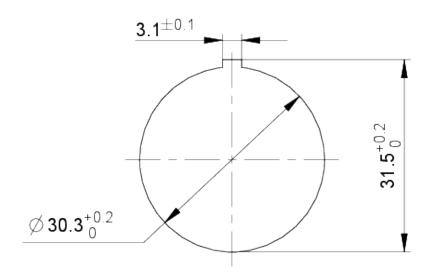
#### RAFI GmbH & Co. KG

technical data sheet





#### Mounting hole drawing



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**: Nov 15, 2024 **page**: 4/4

#### RAFI GmbH & Co. KG