

RAFIX 30 FS⁺, illuminated selector switch, round collar, frontring stainless steel, 1 x 90°, 1 x 40°, momentary contact function / latching



fields of application

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

special features

- › Beleuchtung der der Drehgriffmarkierung mit SMT-LED
- › Farbige Ausleuchtung mit farbigen LEDs möglich
- › Formschöner Frontring aus Edelstahl
- › Geringe Einbautiefe 15,7 mm (PCB) bzw. 33,3 mm (QC)
- › 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.

The translucent handle marking can be illuminated if combined with a corresponding switching element.

For colored illumination of the handle marking, please use colored LEDs.

technical data

> general

Disassembly possible	no
Scope of delivery	Adapter and threaded ring
Front ring color	stainless steel
Collar shape	round
Operating temperature, min.	-25 °C
Storage temperature, min.	-40 °C
Operating temperature, max.	70 °C
Storage temperature, max.	80 °C
illuminated	Yes
Packaging	Box
Packaging unit	10 pcs.
net weight	18.4 g
Operating life	300,000 cycles
B10	390,000 cycles
Degree of protection, front side, according to DIN EN 60529	IP65
UL Enclosure Type Rating front side	type 1 type 4X
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
MOQ order	10 pcs.
RoHS compliant	Yes
REACH compliant	Yes

direct links

> [RAFI eCatalog](#)

> mounting diameters

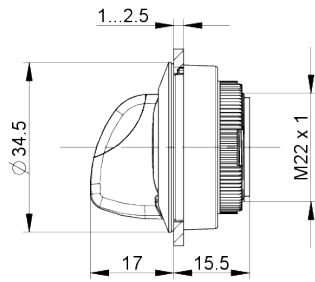
Mounting hole	30.3 mm
Mounting depth	15.7 mm
Installation height	17.43 mm
Grid, min.	35 x 35 mm
Outside dimension, length	34.5 mm
Outside dimension, width	34.5 mm
Collar dimension	ø 34,5 mm

> mechanical data

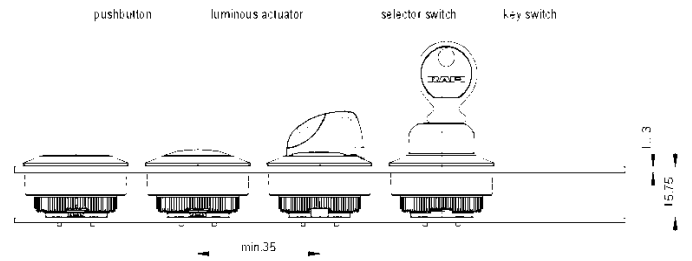
Actuation function	momentary contact function / latching
Operating torque, max.	1.5 Nm
Rotating angle	1 x 90°, 1 x 40°
Fixing	Threaded ring
Threaded ring torque, max.	1.2 Nm

drawings

Dimensioned drawing



System drawing



Mounting hole drawing

