

# **RAFIX 30 FS<sup>+</sup>, USB feed-through, round collar, frontring stainless steel**



## **fields of application**

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

## **special features**

- USB feed-through e.g. through front panels
- USB 2.0 type A at the front, USB 2.0 type B at the back
- Sealing cap for protection class IP 65 front side



## **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 USB feed-through guarantees a stable installation of an easily-accessible USB slot in the front panels of control units and IPCs. Items that can be inserted into this slot include service keyboards or USB sticks in order to perform software updates. Commercially available USB cables of various lengths with type-B plugs can be used for the connection on the rear.

The slot is protected by a sealing cap and this cap ensures IP 65 degree of protection. The feed-through is simply installed by inserting it through the assembly hole from the front and then using a threaded ring on the rear side to fix it into place. The mounting depth is 27.7 mm. The customer can freely choose the front ring color of the USB feed-through so that it matches the design requirements.

USB 2.0

Terminal: USB type A on the front, USB type B on the rear

## **technical data**

### **➤ general**

|                             |                           |
|-----------------------------|---------------------------|
| 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                     |

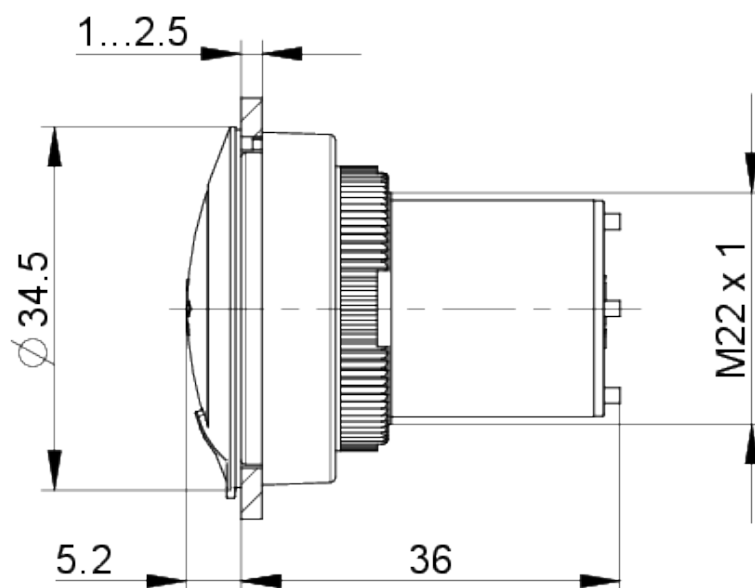
### **direct links**

- [RAFI eCatalog](#)

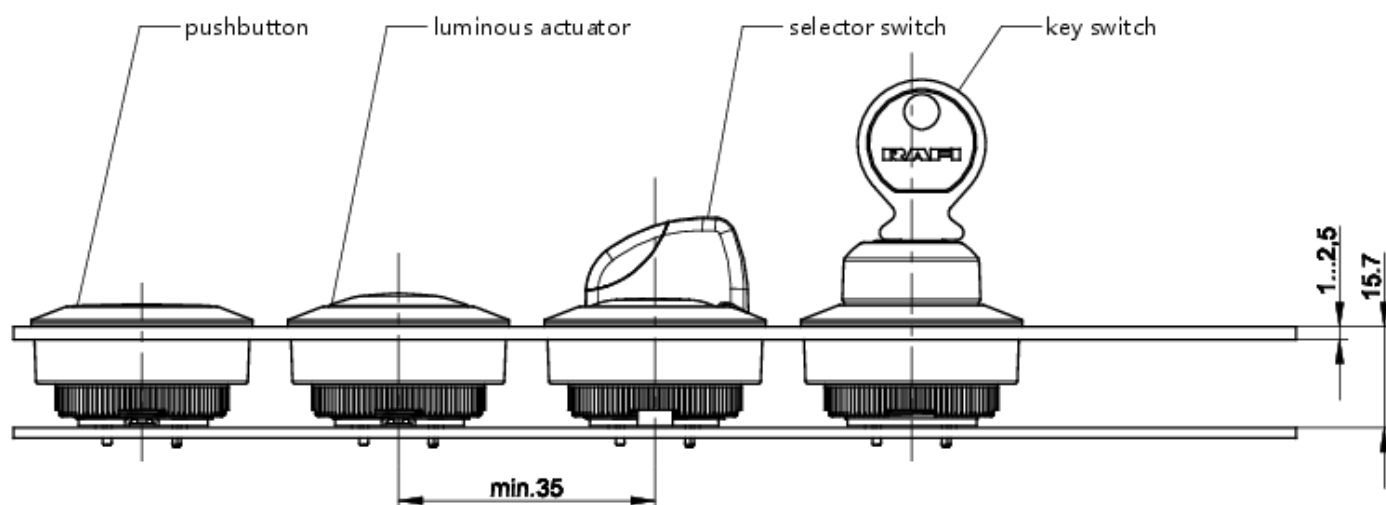
|                                                                |                                                                      |
|----------------------------------------------------------------|----------------------------------------------------------------------|
| illuminated                                                    | No                                                                   |
| Packaging                                                      | Box                                                                  |
| Packaging unit                                                 | 2 pcs.                                                               |
| net weight                                                     | 18.4 g                                                               |
| Degree of protection, front side,<br>according to DIN EN 60529 | IP65                                                                 |
| UL Enclosure Type Rating front<br>side                         | type 1<br>type 4X                                                    |
| Environment resistance                                         | IEC 60068-2-14<br>IEC 60068-2-30<br>IEC 60068-2-33<br>IEC 60068-2-78 |
| MOQ order                                                      | 2 pcs.                                                               |
| RoHS compliant                                                 | Yes                                                                  |
| REACH compliant                                                | Yes                                                                  |
| <b>&gt; mounting diameters</b>                                 |                                                                      |
| Mounting hole                                                  | 30.3 mm                                                              |
| Mounting depth                                                 | 35.5 mm                                                              |
| Installation height                                            | 5.17 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                                                            |
| <b>&gt; mechanical data</b>                                    |                                                                      |
| Fixing                                                         | Threaded ring                                                        |
| Threaded ring torque, max.                                     | 1.2 Nm                                                               |

## drawings

### Dimensioned drawing



### System drawing



**Mounting hole drawing**