

## RAFIX 16, illuminated pushbutton, IP66, bezel yellow



### fields of application

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

### special features

- Robust - also suitable for operation with gloves
- Optimal for switching large currents (max. 250 V / 6 A)
- Actuators can be arranged in close rows, as wiring is required axially from behind
- Degree of protection: IP 65 on front side
- Switching elements with silver contacts (max. 250 V / 6 A) or gold contacts (max. 35 V / 0.25 A)
- Connection types: screw connection, plug-in connection, PCB plug-in socket
- Mounting diameter 16.2 mm
- Illumination with LED possible, socket: W 2 x 4.6d



### description

RAFIX control devices are modular units consisting of several parts. In the RAFIX 16 family, they always consist of an actuating element and a switching element, or of an indicator lamp and a lamp socket. Actuating elements (such as pushbuttons or emergency stop actuators) have the specified tactility, reset and function only when assembled with the appropriate switching elements. For illuminated actuators, please use switching elements with lamp socket.

With RAFIX 16 actuators, you can choose between three collar shapes: round, square or square side-by-side, where the pushbuttons can be lined up seamlessly. The mounting diameter is 16.2 mm according to the standard. The anti-rotation lug can be easily removed with a screwdriver if necessary.

### technical data

#### ➤ general

|                              |             |
|------------------------------|-------------|
| Bezel color                  | yellow      |
| Property of bezel / mushroom | transparent |
| Collar shape                 | round       |
| Operating temperature, min.  | -25 °C      |
| Storage temperature, min.    | -40 °C      |
| Operating temperature, max.  | 70 °C       |
| Storage temperature, max.    | 85 °C       |
| illuminated                  | Yes         |
| Packaging                    | Box         |

#### direct links

- [RAFI eCatalog](#)

|                                                                |                                                                      |
|----------------------------------------------------------------|----------------------------------------------------------------------|
| Packaging unit                                                 | 10 pcs.                                                              |
| net weight                                                     | 6.4 g                                                                |
| Operating life                                                 | 2,000,000 cycles                                                     |
| B10                                                            | 2,600,000 cycles                                                     |
| Degree of protection, front side,<br>according to DIN EN 60529 | IP66                                                                 |
| Environment resistance                                         | IEC 60068-2-14<br>IEC 60068-2-30<br>IEC 60068-2-33<br>IEC 60068-2-78 |
| MOQ order                                                      | 10 pcs.                                                              |
| RoHS compliant                                                 | Yes                                                                  |
| REACH compliant                                                | Yes                                                                  |
| <b>&gt; mounting diameters</b>                                 |                                                                      |
| Mounting hole                                                  | 16.2 mm                                                              |
| Mounting depth                                                 | 44.7 mm                                                              |
| Installation height                                            | 8 mm                                                                 |
| Grid, min.                                                     | 25 x 25 mm                                                           |
| Outside dimension, length                                      | 24.95 mm                                                             |
| Outside dimension, width                                       | 24.95 mm                                                             |
| Outside dimension, height                                      | 26.35 mm                                                             |
| Collar dimension                                               | ø 24,95 mm                                                           |
| <b>&gt; mechanical data</b>                                    |                                                                      |
| Operating force, max.                                          | 100 N                                                                |
| Operating travel, max.                                         | 3 mm                                                                 |
| Fixing                                                         | Threaded ring                                                        |
| Threaded ring torque, max.                                     | 1.2 Nm                                                               |

**drawings****Mounting hole drawing**