

# Activator

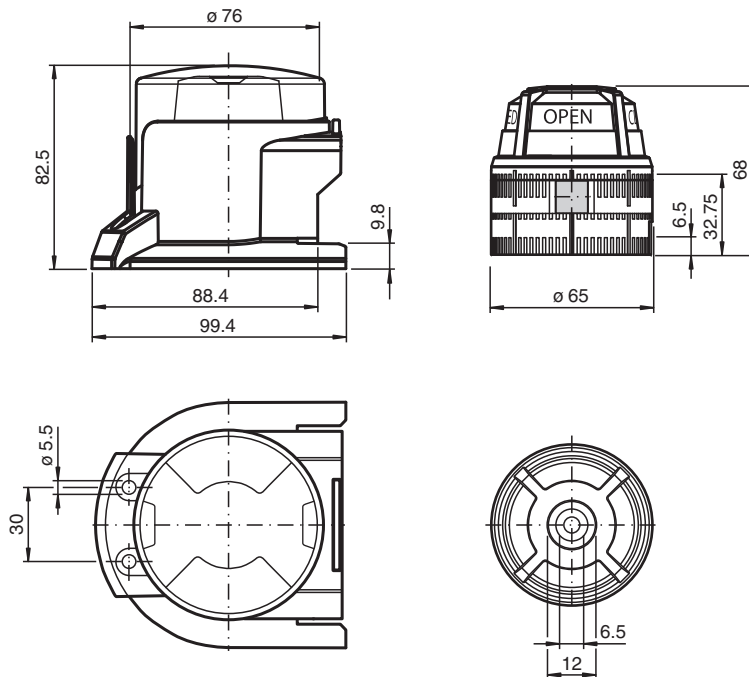
## BT65-F31K2-RG-EN-01



- High-visibility valve position display
- Protection against contamination and damage
- Two actuation targets in two levels with 5° setting grid
- Suitable for right and left rotating drives

Activator for F31K2 series including protective housing

### Dimensions



### Technical Data

#### General specifications

|                    |            |
|--------------------|------------|
| Ring diameter      | max. 65 mm |
| Spring ring height | max. 6 mm  |

#### Nominal ratings

|                        |                              |
|------------------------|------------------------------|
| Valve status indicator | red = CLOSED<br>green = OPEN |
|------------------------|------------------------------|

#### Compliance with standards and directives

|                     |                |
|---------------------|----------------|
| Standard conformity |                |
| Standards           | VDI / VDE 3845 |

#### Ambient conditions

|                     |                                |
|---------------------|--------------------------------|
| Ambient temperature | -40 ... 85 °C (-40 ... 185 °F) |
|---------------------|--------------------------------|

#### Mechanical specifications

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

Pepperl+Fuchs Group  
www.pepperl-fuchs.com

USA: +1 330 486 0001  
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111  
fa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091  
fa-info@sg.pepperl-fuchs.com

**PEPPERL+FUCHS**

## Technical Data

|                                     |  |
|-------------------------------------|--|
| Shaft diameter                      | ≤ 49 mm  |
| Shaft height                        | 20 mm and 30 mm  |
| Mounting hole pattern               | 30 x 80 mm   |
| Material                            |  |
| Housing                             | PC   |
| Actuator                            | PA   |
| Spacer disk                         | PA (1 unit, 10 mm strong)  |
| Mounting screw                      | Stainless steel 1.4401 / AISI 316  |
| Activation target                   | Stainless steel 1.4305 / AISI 303 (integrated)   |
| Tightening torque, fastening screws | ≤ 1.5 Nm   |
| <b>General information</b>          |  |
| Scope of delivery                   | 1 screw M6 x 30<br>1 screw M6 x 40<br>1 Activator for F31K2 series<br>1 Distance disc<br>1 Protective Cover<br>Fixing screws |

## Function

The activator consists of a conductive plastic material which prevents static charging and allows installation in potentially explosive environments.

Release date: 2025-02-25 Date of issue: 2025-02-25 Filename: 271014\_eng.pdf

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

Pepperl+Fuchs Group  
www.pepperl-fuchs.com

USA: +1 330 486 0001  
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111  
fa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091  
fa-info@sg.pepperl-fuchs.com

 **PEPPERL+FUCHS**