

# Actuator

46-  
290K.1000.7P8

Distribution by  
DigiKey

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<https://digikey.eao.com/p/46-290K.1000.7P8>

Your product:

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## 46-290K.1000.7P8 Actuator

### FRONT

|                       |         |
|-----------------------|---------|
| Front dimension:      | Ø 29 mm |
| Front bezel colour:   | Black   |
| Front bezel material: | Plastic |
| Front form:           | round   |

### MOUNTING

|                   |           |
|-------------------|-----------|
| Mounting cut-out: | Ø 22.3 mm |
| Design:           | raised    |

### ELECTRICAL CHARACTERISTICS

|                   |    |
|-------------------|----|
| Protection class: | II |
|-------------------|----|

### MECHANICAL CHARACTERISTIC

|                      |                                  |
|----------------------|----------------------------------|
| Switching positions: | 2 positions                      |
| Weight:              | 0.076 kg                         |
| Mechanical lifetime: | 50 000 cycles of operation       |
| Tightening torque:   | 2 ... 3 Nm (17.7 ... 26.6 Lb-in) |
| Switching angle:     | 60° right                        |
| Switching action:    | Rest (a) - Momentary             |

### AMBIENT CONDITION

|                   |                                                                |
|-------------------|----------------------------------------------------------------|
| Shock resistance: | 30g, 18ms (EN-IEC 60068-2-27)<br>50g, 11ms (EN-IEC 60068-2-27) |
|-------------------|----------------------------------------------------------------|

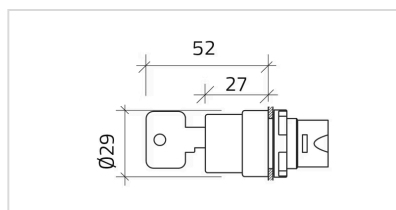
|                               |                                              |
|-------------------------------|----------------------------------------------|
| <b>IP front protection:</b>   | IP65                                         |
| <b>Vibration resistance:</b>  | 5g f= 2...500Hz (EN-IEC 60068-2-6)           |
| <b>Climate resistance:</b>    | +25°C-97%RH / +45°C-93%RH (IEC-EN60068-2-30) |
| <b>Operating temperature:</b> | - 25 °C ... + 55 °C                          |
| <b>IK front protection:</b>   | IK06                                         |

## CERTIFICATE

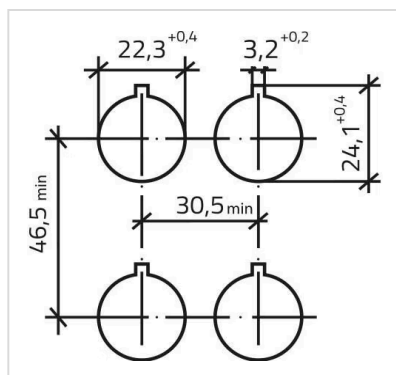
|                      |                                                    |
|----------------------|----------------------------------------------------|
| <b>Approbations:</b> | CSA, EAC, UL                                       |
| <b>Standards:</b>    | CSA C22-2, IEC EN 60947-1, IEC EN 60947-5-1, UL508 |
| <b>Conformities:</b> | CE                                                 |

## OTHER

|                                           |                                                                                       |
|-------------------------------------------|---------------------------------------------------------------------------------------|
| <b>Short Description:</b>                 | Actuator, Ø 22.3 mm, Ø 29 mm, round, Black, Plastic, Rest (a) - Momentary, IP65, IK06 |
| <b>Housing material:</b>                  | Plastic                                                                               |
| <b>max. number of switching elements:</b> | 8                                                                                     |
| <b>Housing colour:</b>                    | Black                                                                                 |
| <b>Dimension drawings:</b>                |                                                                                       |



## Mounting cut-outs:



## Switching positions:

