

# Actuator

46-  
2531.1K20.000

Distribution by  
Farnell



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## 46-2531.1K20.000 Actuator

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### FRONT

|                              |         |
|------------------------------|---------|
| <b>Front dimension:</b>      | Ø 50 mm |
| <b>Front form:</b>           | Round   |
| <b>Front bezel colour:</b>   | Yellow  |
| <b>Front bezel material:</b> | Plastic |

### MOUNTING

|                          |                |
|--------------------------|----------------|
| <b>Design:</b>           | Raised         |
| <b>Mounting cut-out:</b> | Ø 22.3 mm      |
| <b>Mounting type:</b>    | Panel mounting |

### OPERATING-/INDICATION PART

|                           |                 |
|---------------------------|-----------------|
| <b>Lens colour:</b>       | Red             |
| <b>Lens material:</b>     | Plastic         |
| <b>Lens illumination:</b> | Non illuminated |
| <b>Lens shape:</b>        | Mushroom-head   |
| <b>Lens optics:</b>       | opaque          |

### ELECTRICAL CHARACTERISTICS

|                          |    |
|--------------------------|----|
| <b>Protection class:</b> | II |
|--------------------------|----|

### MECHANICAL CHARACTERISTICS

|                          |           |
|--------------------------|-----------|
| <b>Switching action:</b> | Momentary |
|--------------------------|-----------|

|                             |                                  |
|-----------------------------|----------------------------------|
| <b>Mechanical lifetime:</b> | 1 Mil. cycles of operation       |
| <b>Tightening torque:</b>   | 2 ... 3 Nm (17.7 ... 26.6 Lb-in) |
| <b>Weight:</b>              | 0.038 kg                         |

#### **AMBIENT CONDITION**

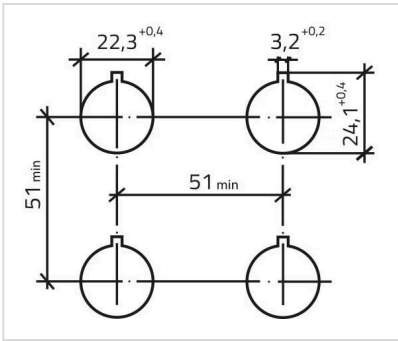
|                               |  |
|-------------------------------|--|
| <b>IP front protection:</b>   | IP65   |
| <b>IK front protection:</b>   | IK03   |
| <b>Operating temperature:</b> | - 25 °C ... + 55 °C  |
| <b>Shock resistance:</b>      | 30g, 18ms (EN-IEC 60068-2-27)<br>50g, 11ms (EN-IEC 60068-2-27) |
| <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)                   |

#### **CERTIFICATE**

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

#### **OTHER**

|   |   |
|---|---|
| <b>Short Description:</b>                 | Actuator, Ø 22.3 mm, Ø 50 mm, Mushroom-head, Non illuminated, Red, Plastic, opaque, Round, Yellow, Plastic, Momentary, IP65, IK03 |
| <b>Housing colour:</b>                    | Yellow  |
| <b>Housing material:</b>                  | Plastic   |
| <b>max. number of switching elements:</b> | 6   |
| <b>Mounting cut-outs:</b>                 |   |



**Dimension drawings:**

