

# Actuator

45-  
2231.12E0.000

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## 45-2231.12E0.000 Actuator

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### FRONT

<b>Front dimension:</b>	Ø 29,5 mm
<b>Front form:</b>	Round
<b>Front bezel colour:</b>	Black
<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>	Illuminated
<b>Lens shape:</b>	Flush
<b>Lens optics:</b>	transparent
<b>Lens type:</b>	Raised above front bezel
<b>Illumination colour:</b>	Red

### MECHANICAL CHARACTERISTICS

<b>Switching action:</b>	Momentary
<b>Switching system:</b>	Slow-make switching element

**Mechanical lifetime:** 3 Mil. cycles of operation  
**Operating frequency:** Max. 3 600/h  
**Weight:** 0.019 kg

### AMBIENT CONDITION

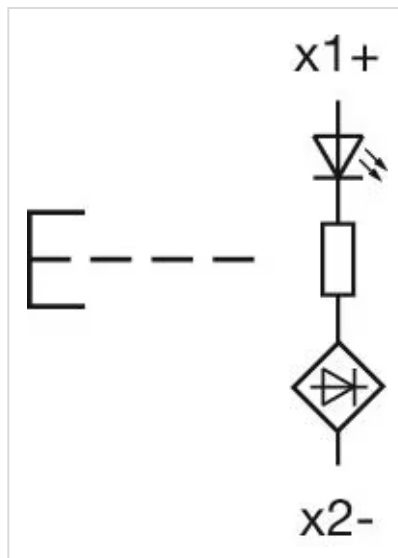
**IP front protection:** IP66, IP67, IP69K  
**Operating temperature:** – 25 °C ... + 70 °C  
**Storage temperature:** – 40 °C ... + 80 °C  
**Shock resistance:** According to IEC 60068-2-27: Sinusoidal half-wave 50 g / 11 ms  
**Vibration resistance:** According to IEC 60068-2-6: 20 ... 500 Hz: 5 g  
**Climate resistance:** During operation according to IEC 60721: 3K6, 3C3, 3S2, 3M6

### CERTIFICATE

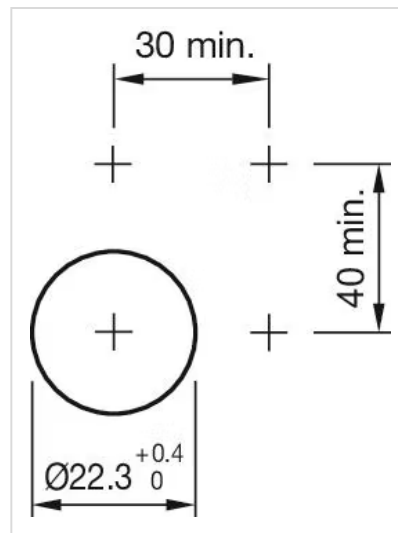
**REACH:** REACH compliant  
**RoHS:** RoHS compliant

### OTHER

**Short Description:** Actuator, Ø 22.3 mm, Ø 29,5 mm, Flush, Illuminated, Red, Plastic, transparent, Round, Black, Plastic, Momentary, IP66, IP67, IP69K, Red  
**Housing colour:** Black  
**Housing material:** Plastic  
**Wiring diagrams:**



**Mounting cut-outs:**



**Dimension drawings:**

