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## Actuator

84-3100.0

Distribution by  
Mouser



<https://mouser.eao.com/component/84-3100.0/en...>

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## 84-3100.0 Actuator

### FRONT

<b>Front dimension:</b>	Ø 25 mm
<b>Front form:</b>	Round
<b>Front bezel colour:</b>	Black
<b>Front bezel material:</b>	Plastic

### MOUNTING

<b>Design:</b>	Flush
<b>Mounting cut-out:</b>	Ø 22.5 mm
<b>Mounting type:</b>	Panel mounting

### MECHANICAL CHARACTERISTICS

<b>Operating force:</b>	4.5 N ±1 N (measured at the lens)
<b>Tightening torque:</b>	Fixing nut 0.8 Nm
<b>Weight:</b>	0.004 kg

### AMBIENT CONDITION

<b>IP front protection:</b>	IP40
<b>IP Protection:</b>	IP40
<b>Operating temperature:</b>	– 25 °C ... + 70 °C
<b>Storage temperature:</b>	– 40 °C ... + 85 °C
<b>Climate resistance:</b>	Damp heat, cyclic: 96 hours, + 25 °C/97 %, + 55 °C/93 % relative humidity, as per EN IEC 60068-2-30 Damp heat, steady: 56 days, + 40 °C/93 % relative humidity, according to EN IEC 60068-2-78

Rapid change of temperature: 100 cycles,  $-40^{\circ}\text{C} \dots +80^{\circ}\text{C}$ , as per EN / IEC 60068-2-14

## CERTIFICATE

**Approbations:** EBC (TSI PRM), NFF

**Conformities:** CE, UKCA, 2011 / 65 / EC (RoHS)

**REACH:** REACH compliant

**RoHS:** RoHS compliant

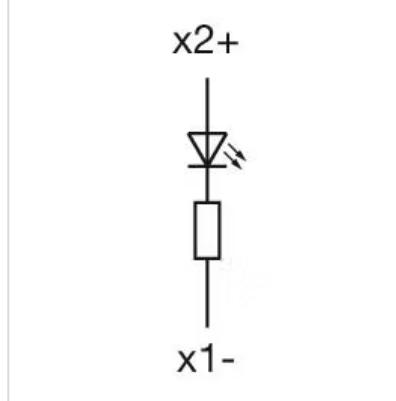
## OTHER

**Short Description:** Actuator,  $\varnothing 22.5$  mm,  $\varnothing 25$  mm, Round, Black, Plastic, IP40

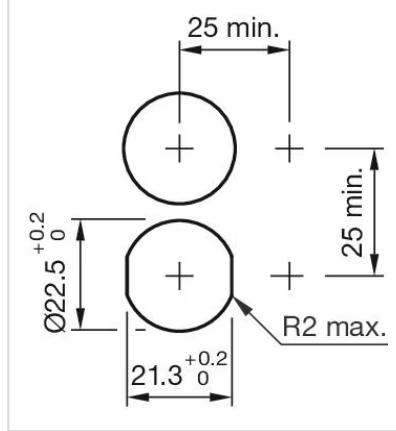
**Hints:** Illuminated lens, non-illuminated bezel

**Description component:** Material housing actuator: Plastic as per UL94 V0

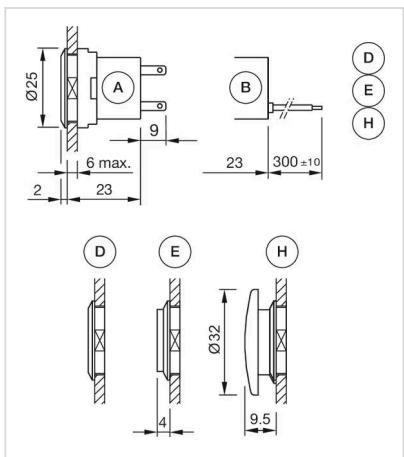
**Wiring diagrams:**



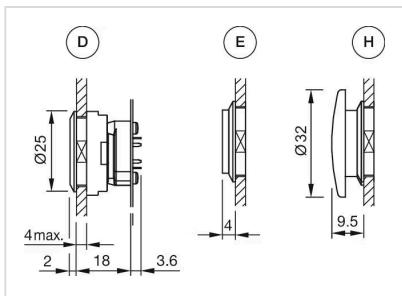
**Mounting cut-outs:**



**Dimension drawings:**



A = Plug-in terminal 2.8 mm x 0.8 mm  
 B = Flat ribbon cable  
 D = Lens level with bezel  
 E = Lens raised above bezel  
 H = Mushroom-head cap



A = Lens level with bezel  
 E = Lens raised above bezel

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