

# Actuator

84-1201.0

Distribution by  
Mouser



<https://mouser.eao.com/p/84-1201.0>

Your product:

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## 84-1201.0 Actuator

### FRONT

Front dimension:	Ø 25 mm
Front form:	Round
Front bezel colour:	Black
Front bezel material:	Aluminium

### MOUNTING

Design:	Flush
Mounting cut-out:	Ø 22.5 mm
Mounting type:	Panel mounting

### OPERATING-/INDICATION PART

Lens illumination:	Illuminated
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### MECHANICAL CHARACTERISTICS

Switching action:	Momentary
Switching system:	Short-travel element
Mechanical lifetime:	≥1 Mil. cycles of operation
Operating force:	4.5 N ±1 N (measured at the lens)
Operating Travel:	1.2 mm
Tightening torque:	Fixing nut 0.8 Nm
Weight:	0.008 kg

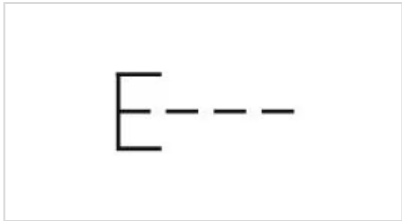
## AMBIENT CONDITION

<b>IP front protection:</b>	IP67
<b>IP Protection:</b>	IP67
<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 °C ... + 80 °C, as per EN / IEC 60068-2-14

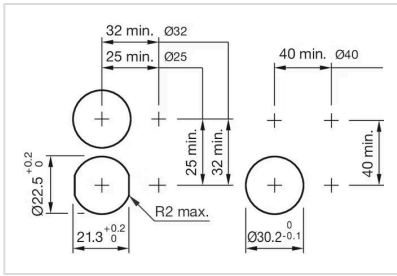
## CERTIFICATE

<b>Approbations:</b>	EBC (TSI PRM), NFF
<b>Conformities:</b>	CE, UKCA, 2011 / 65 / EC (RoHS)
<b>REACH:</b>	REACH compliant
<b>RoHS:</b>	RoHS compliant

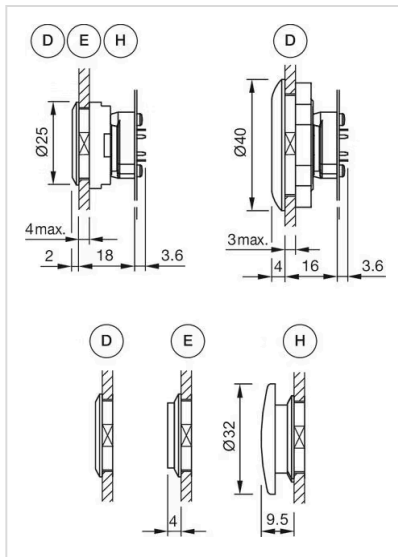
## OTHER

<b>Short Description:</b>	Actuator, Ø 22.5 mm, Ø 25 mm, Illuminated, Round, Black, Aluminium, anodised, Momentary, IP67
<b>Dimension:</b>	Ø 25 mm
<b>Housing colour:</b>	Black
<b>Housing material:</b>	Aluminium
<b>Description component:</b>	Material housing actuator: Plastic as per UL94 V0
<b>Wiring diagrams:</b>	

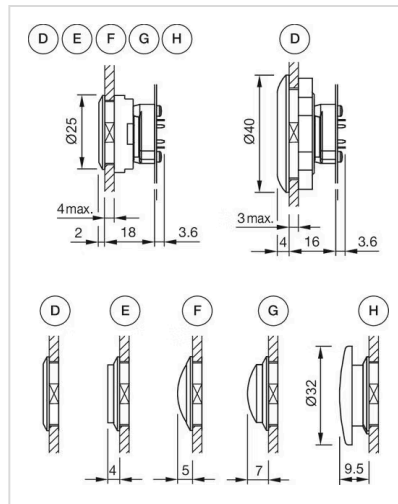
**Mounting cut-outs:**



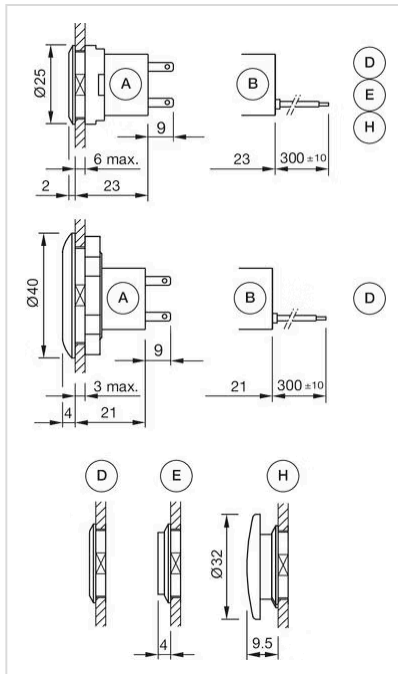
**Dimension drawings:**



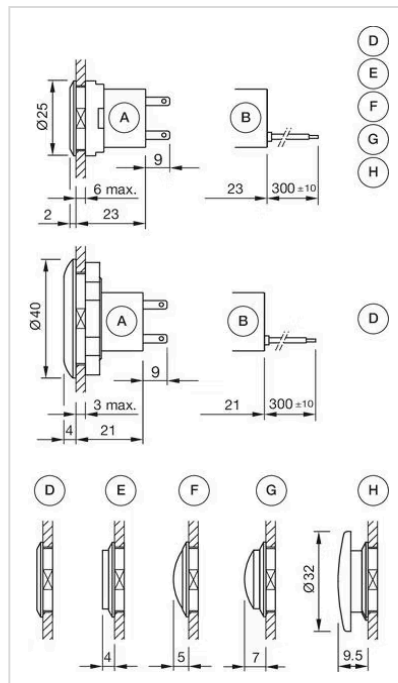
A = Lens level with bezel  
E = Lens raised above bezel  
H = Mushroom-head cap



D = Lens level with bezel  
E = Lens raised above bezel  
F = Lens konvexe level with bezel  
G = Lens konvexe raised above bezel  
H = Mushroom-head cap



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 = Plug-in terminal 2.8 mm x 0.5 mm  
B = Flat ribbon cable  
D = Lens level with bezel  
E = Lens raised above bezel  
F = Lens konvexe level with bezel  
G = Lens konvexe raised above bezel  
H = Mushroom-head cap