

# Actuator

84-1201.6

Distribution by  
Farnell



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## 84-1201.6 Actuator

### FRONT

|                       |           |
|-----------------------|-----------|
| Front dimension:      | Ø 25 mm   |
| Front form:           | Round     |
| Front bezel colour:   | Blue      |
| Front bezel material: | Aluminium |

### MOUNTING

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

### OPERATING-/INDICATION PART

|                    |             |
|--------------------|-------------|
| Lens illumination: | Illuminated |
|--------------------|-------------|

### 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:              | 0.012 kg                          |

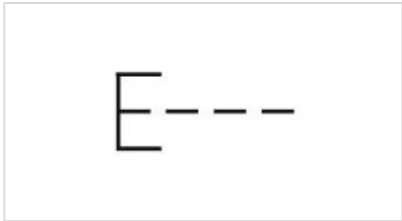
## AMBIENT CONDITION

|                               |                                                                                                                                                                                                                                                                                               |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>IP front protection:</b>   | IP65, IP67                                                                                                                                                                                                                                                                                    |
| <b>IP Protection:</b>         | IP65, 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<br>Damp heat, steady: 56 days, + 40 °C/93 % relative humidity, according to EN IEC 60068-2-78<br>Rapid change of temperature: 100 cycles, – 40 °C ... + 80 °C, as per EN / IEC 60068-2-14 |

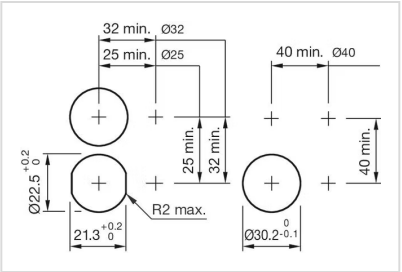
## CERTIFICATE

|                      |                                 |
|----------------------|---------------------------------|
| <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                  |

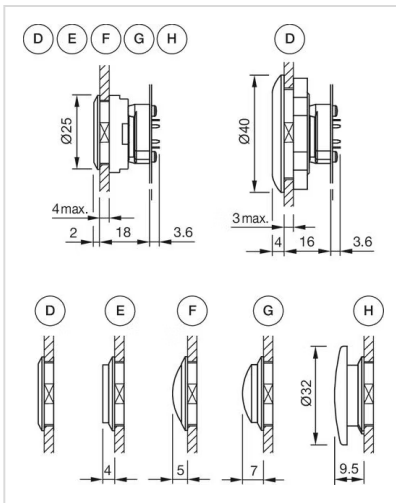
## OTHER

|                               |                                                                                                    |
|-------------------------------|----------------------------------------------------------------------------------------------------|
| <b>Short Description:</b>     | Actuator, Ø 22.5 mm, Ø 25 mm, Illuminated, Round, Blue, Aluminium, anodised, Momentary, IP65, IP67 |
| <b>Dimension:</b>             | Ø 25 mm                                                                                            |
| <b>Housing colour:</b>        | Blue                                                                                               |
| <b>Housing material:</b>      | Aluminium                                                                                          |
| <b>Description component:</b> | Material housing actuator: Plastic as per UL94 V0                                                  |
| <b>Wiring diagrams:</b>       |                |

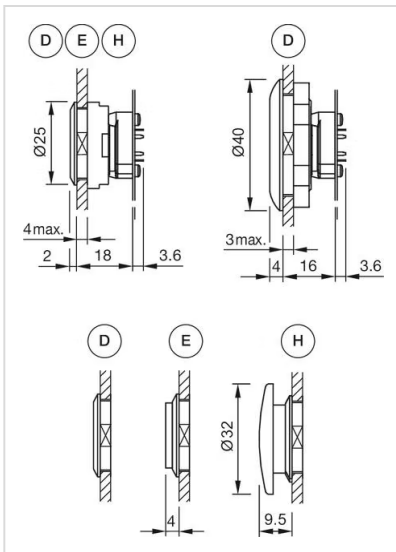
**Mounting cut-outs:**



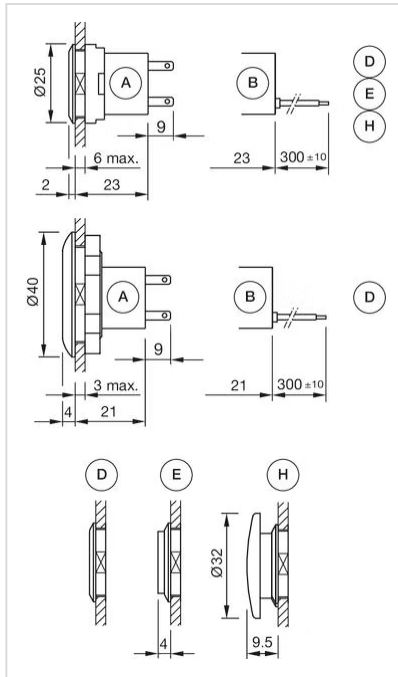
Dimension drawings:



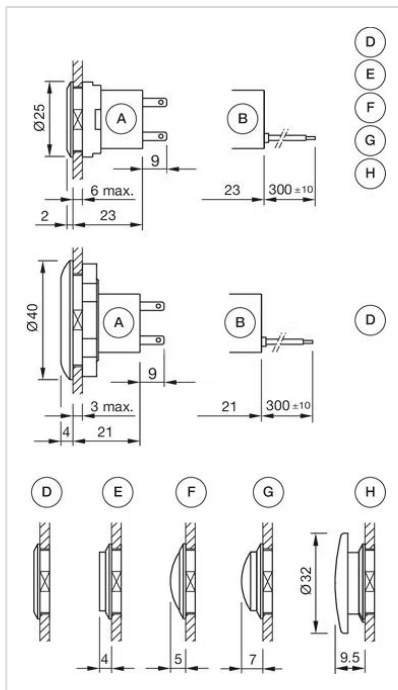
D = Lens level with bezel  
 E = Lens raised above bezel  
 F = Lens konvexe level with bezel  
 G = Lens konvexe raised above bezel  
 H = Mushroom-head cap



A = Lens level with bezel  
 E = Lens 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