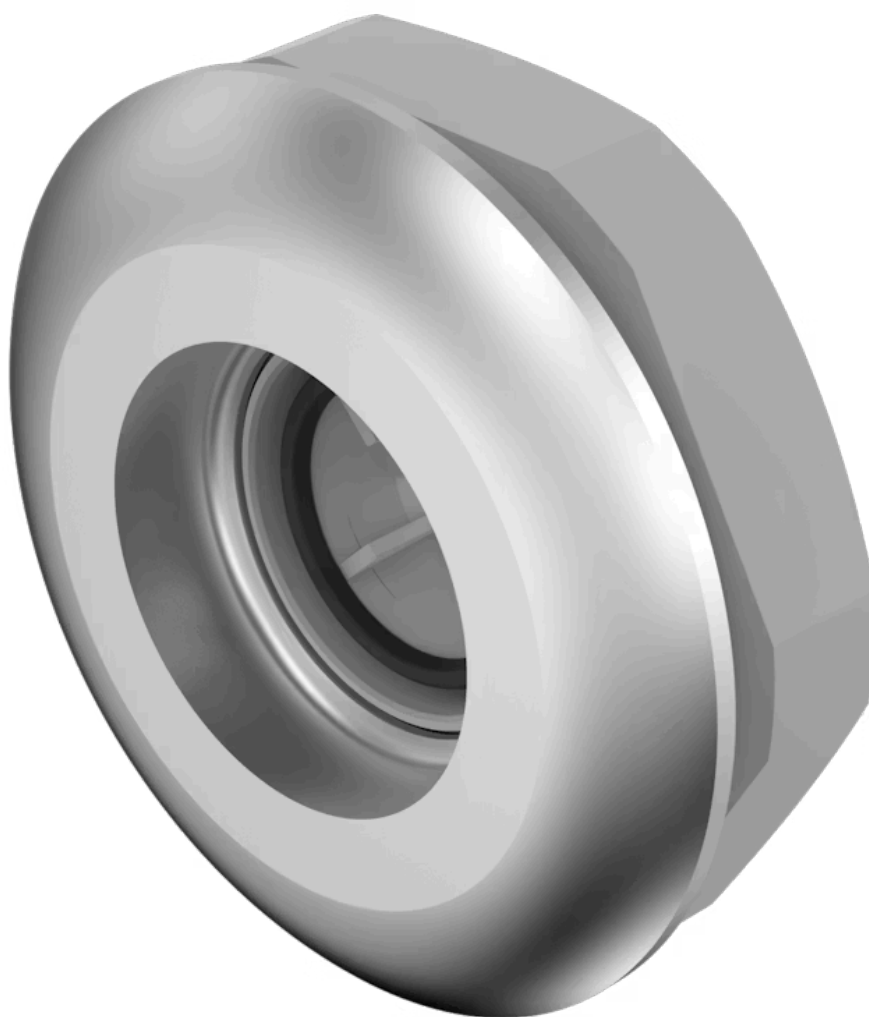# Actuator

84-1221.7

84-1221.7
Actuator

FRONT

Front dimension: Ø 40 mm

Front form: Round

Front bezel colour: Nature

Front bezel material: Aluminium

MOUNTING

Design: Flush

Mounting cut-out: Ø 30.2 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: 0.023 kg

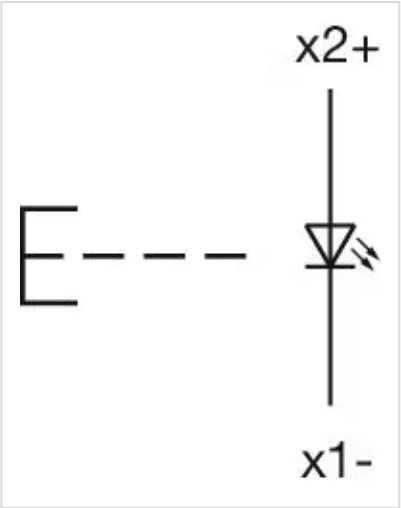## AMBIENT CONDITION

IP front protection: IP65, IP67

IP Protection: IP65, IP67

Operating temperature: – 25 °C … + 70 °C

Storage temperature: – 40 °C … + 85 °C

Climate resistance: 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
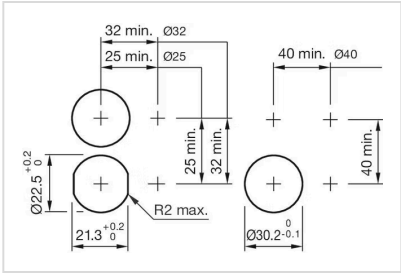
CERTIFICATE

Approbations: EBC (TSI PRM), NFF

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

REACH: REACH compliant

RoHS: RoHS compliant
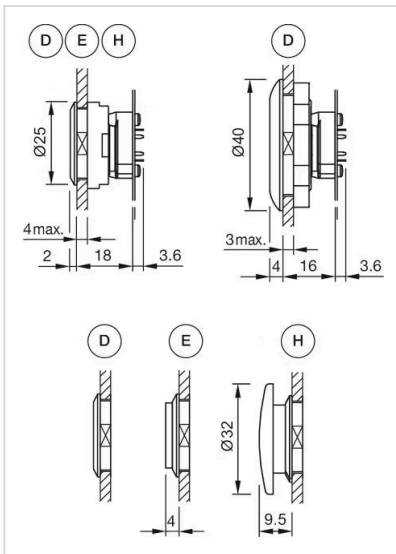
OTHER

Short Description: Actuator, Ø 30.2 mm, Ø 40 mm, Illuminated, Round, Nature, Aluminium, anodised, Momentary, IP65, IP67

Dimension: Ø 40 mm

Housing colour: Nature

Housing material: Aluminium

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

Wiring diagrams:

x2+

x1-

Mounting cut-outs:

32 min. Ø32
25 min. Ø25
40 min. Ø40
25 min.
32 min.
40 min.
Ø22.5 $^{+0.2}_{0}$
R2 max.
21.3 $^{+0.2}_{0}$
Ø30.2 $^{0}_{-0.1}$

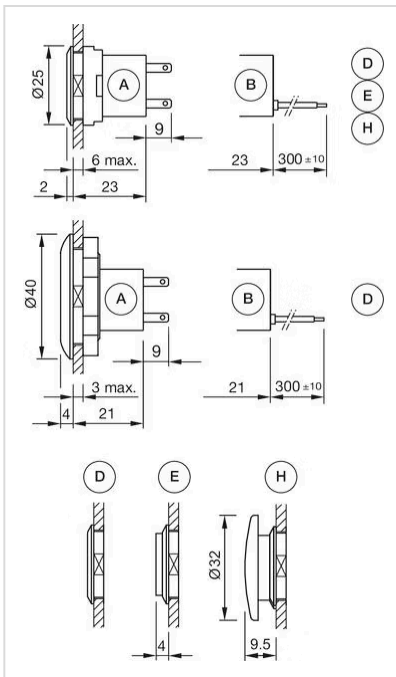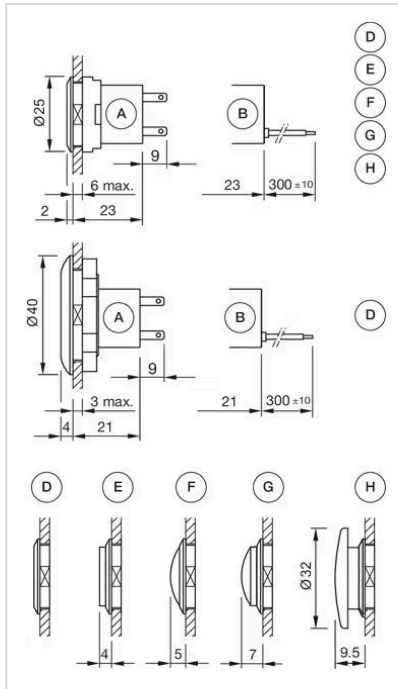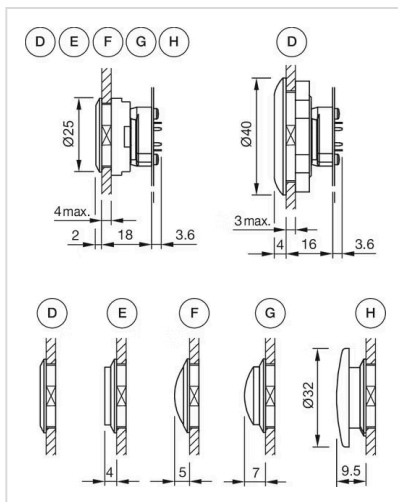**Dimension drawings:**

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 convexe 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 convexe raised above bezel
H = Mushroom-head cap