Your Expert Partner for **Human Machine Interfaces**

Actuator

84-2101.0



https://www.eao.com/component/84-2101.0/en/ac...

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Your product:



84-2101.0
Actuator

FRONT

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

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:	0.004 kg

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AMBIENT CONDITION

IP front protection:	IP40
IP Protection:	IP40
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

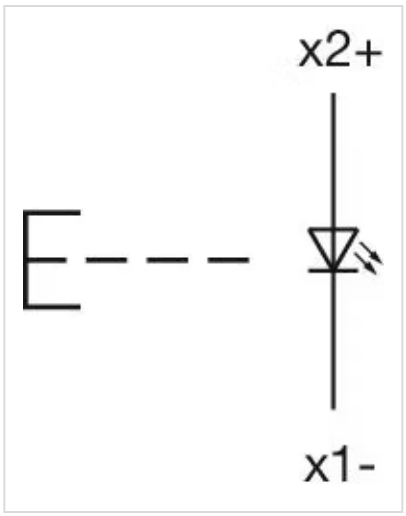
CERTIFICATE

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

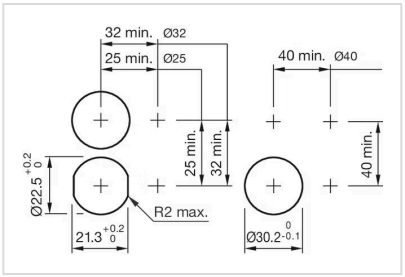
OTHER

Short Description:	Actuator, Ø 22.5 mm, Ø 25 mm, Illuminated, Round, Black, Plastic, Momentary, IP40
Dimension:	Ø 25 mm
Housing colour:	Black
Housing material:	Plastic
Hints:	Illuminated lens, non-illuminated bezel For use on a flat surface of a Type 4X enclosure – FOR INDOOR USE ONLY
Description component:	Material housing actuator: Plastic as per UL94 V0
Wiring diagrams:	

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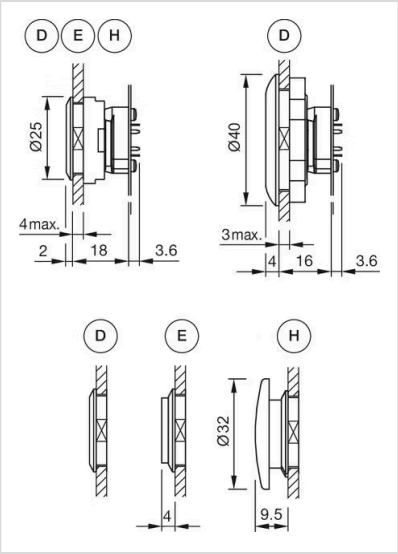


Mounting cut-outs:

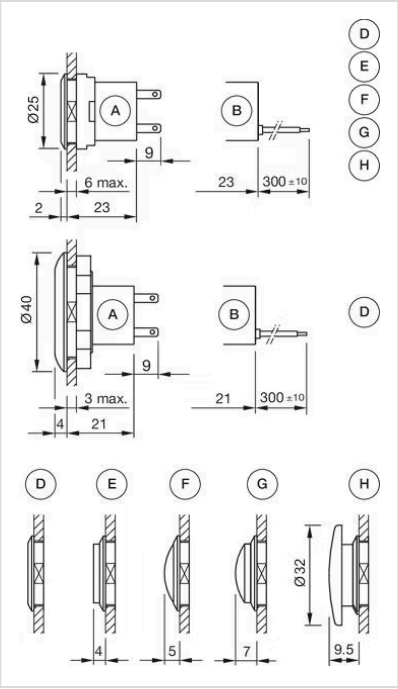


Dimension drawings:

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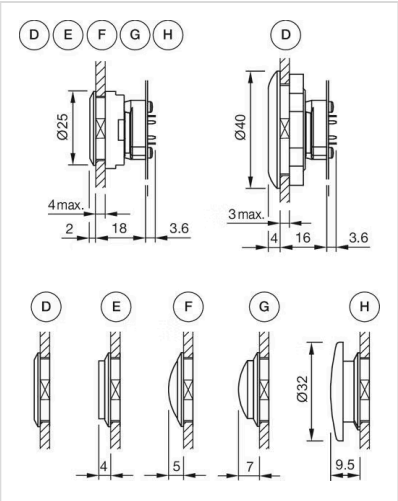


A = Lens level with bezel
E = Lens raised above bezel
H = Mushroom-head cap

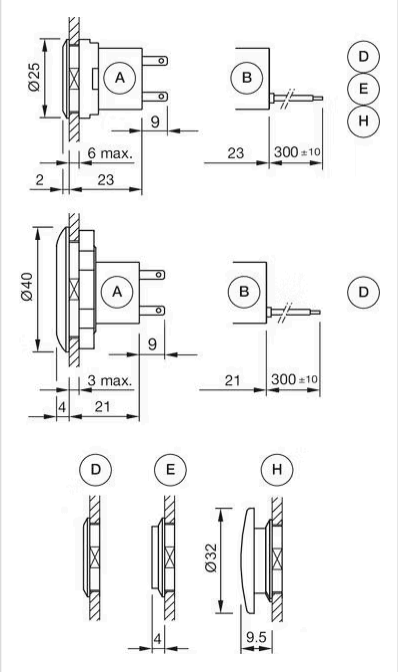


A = Plug-in terminal 2.8 mm x 0.5 mm
B = Flat ribbon cable
D = Lens level with bezel
E = Lens raised above bezel
F = Lens konvexe level with bezel
G =Lens convexe raised above bezel
H = Mushroom-head cap

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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



A = Plug-in terminal 2.8 mm x 0.8 mm
B = Flat ribbon cable
D = Lens level with bezel
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