

# Actuator

92-  
343.300



<https://eao.com/p/92-343.300>

Your product:



92-343.300  
Actuator

FRONT

Front dimension:	18,8 mm x 18,8 mm
Front form:	square
Front bezel colour:	White
Front bezel material:	Plastic

MOUNTING

Design:	PCB
Mounting type:	Panel mounting

OPERATING-/INDICATION PART

Lens colour:	Orange
Lens material:	Plastic
Lens illumination:	illuminative
Lens shape:	flush
Lens optics:	transparent
Illumination colour:	Orange

ELECTRICAL CHARACTERISTICS

Switching voltage and switching current:	Switching voltage	min. 50 m VAC/DC max. 42 VAC/DC
	Switching current	min. 10 µA AC/DC max. 100 mA AC/DC
	Power rating	max. 2 W
	Electrical lifetime:	500 000 cycles of operation at 42VDC, 50mA, according to IEC 6512-5-9c
Electric strength:		

500 VAC, 50 Hz, 1 minute according to IEC 60512-5-9c

**Electrostatic discharge (ESD):** 15 kV

## MECHANICAL CHARACTERISTIC

**Switching action:** Momentary

**Switching system:** Short-travel element

**Switching system:** Short-travel switching system with 2 independent contact points  
Guarantees reliable switching even of very light loads. Fitted with 1 normally open contact.

**Mechanical lifetime:**  $\geq 1$  Mio. cycles of operation

**Operating force:** 2.7 N  $\pm$  1 N switching element, 5 N lens

**Operating Travel:** ca. 0.4 mm switching element

**Tightening torque:** Fixing nut max. 0.5 Nm, Fixing screw mounting flange 0.4 Nm

**Weight:** 0.003 kg

## AMBIENT CONDITION

**IP front protection:** IP67

**IP Protection:** IP67 front side

**Operating temperature:** - 25 °C ... + 70 °C

**Storage temperature:** - 40 °C ... + 80 °C

**Shock resistance:** Max. 500 m/s<sup>2</sup>, pulse width, 3-axis (sinusoidal EN IEC 60068-2-27)

**Vibration resistance:** Max. 100 m / s<sup>2</sup> from 10 Hz ... 500 Hz, 10 cycles, 3-axis (sinusoidal EN IEC 60068-2-6)

## CERTIFICATE

**Approbations:** CQC

**Conformities:** CE, UKCA, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

**REACH:** REACH compliant

**RoHS:** RoHS compliant

## OTHER

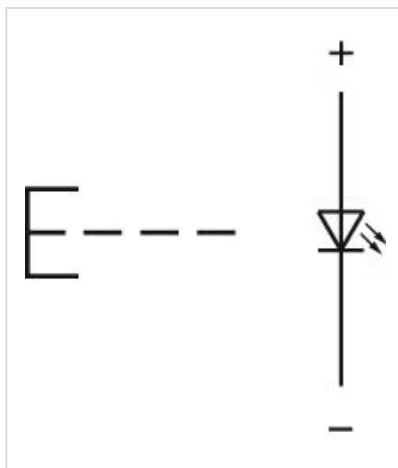
**Short Description:** Actuator, 18,8 mm x 18,8 mm, flush, illuminative, Orange, Plastic, transparent, square, White, Plastic, Momentary, IP67, Orange

**Dimension:** 18.8 mm x 18.8 mm

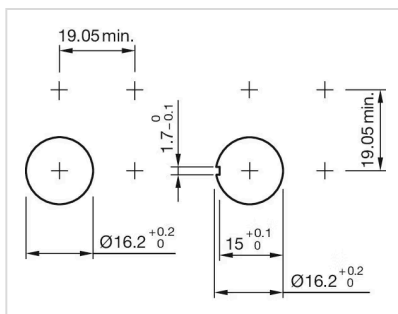
**Housing colour:** White

**Housing material:** Plastic

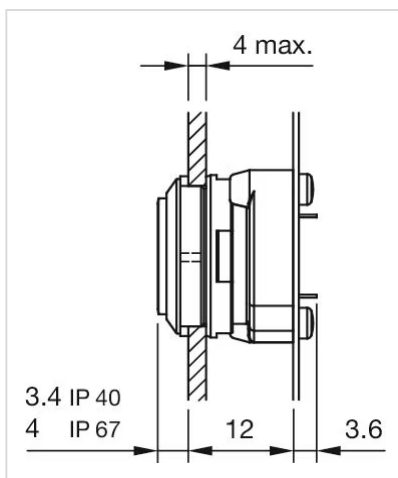
**Wiring diagrams:**













**Mounting cut-outs:**



**Dimension drawings:**



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