

# Actuator

92-  
343.300

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Farnell



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## 92-343.300 Actuator

### FRONT

|                              |                   |
|------------------------------|-------------------|
| <b>Front dimension:</b>      | 18,8 mm x 18,8 mm |
| <b>Front form:</b>           | Square            |
| <b>Front bezel colour:</b>   | White             |
| <b>Front bezel material:</b> | Plastic           |

### MOUNTING

|                       |                |
|-----------------------|----------------|
| <b>Design:</b>        | PCB            |
| <b>Mounting type:</b> | Panel mounting |

### OPERATING-/INDICATION PART

|                             |             |
|-----------------------------|-------------|
| <b>Lens colour:</b>         | Orange      |
| <b>Lens material:</b>       | Plastic     |
| <b>Lens illumination:</b>   | Illuminated |
| <b>Lens shape:</b>          | Flush       |
| <b>Lens optics:</b>         | transparent |
| <b>Illumination colour:</b> | Orange      |

### ELECTRICAL CHARACTERISTICS

|   |                   |  |
|---|-------------------|--|
| <b>Switching voltage and switching current:</b> | Switching voltage | min. 50 m VAC/DC<br>max. 42 VAC/DC         |
|   | Switching current | min. 10 $\mu$ A AC/DC<br>max. 100 mA AC/DC |
|   | Power rating      | max. 2 W                                   |
| <b>Switching rating:</b>                        | 42 V              |  |
| <b>Electrical lifetime:</b>                     |                   |  |

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 CHARACTERISTICS

**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:**  $\geq 1$  Mil. 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:** 0.018 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, Illuminated, Orange, Plastic, transparent, Square, White, Plastic, Momentary, IP67, Orange

**Dimension:** 18.8 mm x 18.8 mm

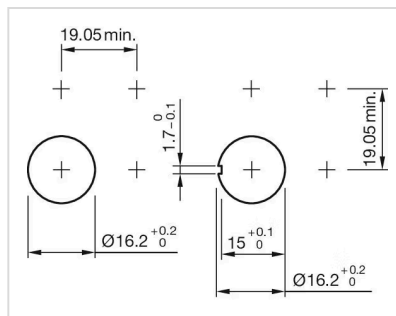
**Housing colour:** White

**Housing material:** Plastic

**Wiring diagrams:**



**Mounting cut-outs:**



**Dimension drawings:**

