

# Actuator

19-  
471.035

Distribution by  
DigiKey

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Your product:

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## 19-471.035 Actuator

### FRONT

|                       |         |
|-----------------------|---------|
| Front dimension:      | Ø 9 mm  |
| Front form:           | Round   |
| Front bezel colour:   | Black   |
| Front bezel material: | Plastic |

### MOUNTING

|                   |                |
|-------------------|----------------|
| Design:           | Raised         |
| Mounting cut-out: | Ø 8 mm         |
| Mounting type:    | Panel mounting |

### OPERATING-/INDICATION PART

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

### ELECTRICAL CHARACTERISTICS

|  |  |
|--|--|
| Switching voltage and switching current: | 100 mA at 42 VAC/VDC   |
| Contacts:                                | 1 NO   |
| Switching rating:                        | 50 V @ 0,1 A   |
| Electric strength:                       | 2500 VAC, 50 Hz, 1 minute, as per IEC 60512-2-11 between all terminals and earth |

### MECHANICAL CHARACTERISTICS

|                   |                              |
|-------------------|------------------------------|
| Terminal:         | Plug-in terminal, 2 x 0.5 mm |
| Contact material: |                              |

Gold

|                             |  |
|-----------------------------|--|
| <b>Switching action:</b>    | Maintained   |
| <b>Switching system:</b>    | Low-level element  |
| <b>Switching system:</b>    | This low-level switching element was developed for low switching voltages and currents.<br>Single-break momentary contact, as normally open or normally closed with 4 independent points of contact. |
| <b>Mechanical lifetime:</b> | 5 Mil. cycles of operation   |
| <b>Operating force:</b>     | 1.8 N $\pm$ 0.3 N  |
| <b>Operating Travel:</b>    | ca. 2.8 mm $\pm$ 0.2 mm  |
| <b>Tightening torque:</b>   | Fixing nut max. 0.2 Nm   |
| <b>Wire cross section:</b>  | Max. wire diameter 2 wires à 0.8 mm<br>Max. wire cross-section of stranded cable 1 x 0.75 mm <sup>2</sup>  |
| <b>Weight:</b>              | 0.002 kg   |

## AMBIENT CONDITION

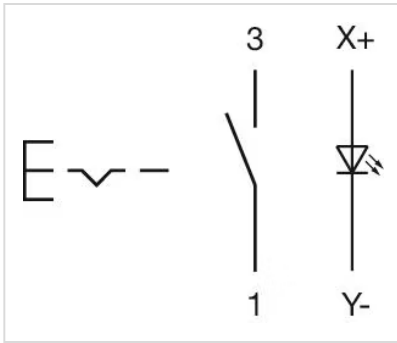
|                               |  |
|-------------------------------|--|
| <b>IP Protection:</b>         | IP40 front side, according to DIN EN 60529   |
| <b>Operating temperature:</b> | – 25 °C ... + 45 °C with filament lamp, – 25 °C ... + 65 °C with LED, – 25 °C ... + 65 °C without illumination, mounted as a block, make sure the heat can escape freely |
| <b>Storage temperature:</b>   | – 40 °C ... + 85 °C  |
| <b>Shock resistance:</b>      | 15 g for 11 ms, as per DIN/EN 60512-4-3, IEC 60068-2-27 (Single impacts, semi-sinusoidal)  |

## CERTIFICATE

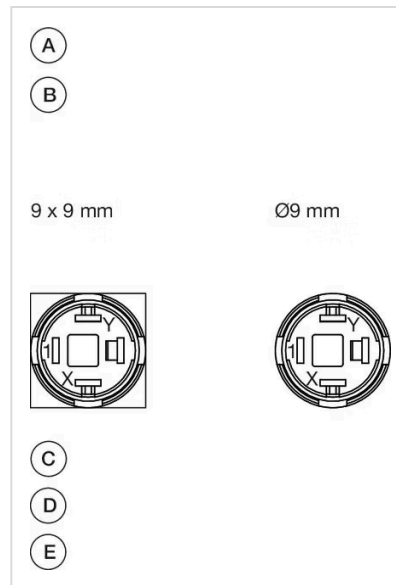
|                      |                       |
|----------------------|-----------------------|
| <b>Conformities:</b> | 2011 / 65 / EC (RoHS) |
| <b>REACH:</b>        | REACH compliant       |
| <b>RoHS:</b>         | RoHS compliant        |

## OTHER

|                           |  |
|---------------------------|--|
| <b>Short Description:</b> | Actuator, Ø 8 mm, Ø 9 mm, Illuminated, Round, Black, Plastic, 1 NO, Maintained, Plug-in terminal, 2 x 0.5 mm |
| <b>Internal size:</b>     | Ø 7,3 mm   |
| <b>Housing colour:</b>    | Black  |
| <b>Housing material:</b>  | Plastic  |
| <b>Wiring diagrams:</b>   |  |

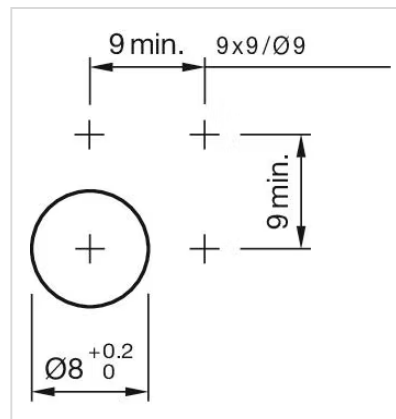


#### Component layouts:



A = Terminals (rear side)  
 B = Illuminated pushbutton  
 C = x = Contact No.  
 D = 2 = Normally open  
 E = 4 = Normally close

#### Mounting cut-outs:



#### Dimension drawings:

