



# 1092 Series

## 0.500" (12.7mm) Tab Terminals

### LED Panel Mount Indicator



1092 Series with high brightness LED offers daylight visibility and enhances the user experience by enabling fast operation of the device



#### Application

- Industrial
- Transportation
- Food Service
- People Mover
- Medical
- Maritime
- Oil and Gas Industry
- Manufacturing
- Automation & Control

#### Key features

- Front panel snap-in. Snaps fit into 0.500" (12.7mm) panel hole requires no additional hardware
- High brightness LED for daylight viewing
- Available in five single LED colors: red, green, amber, blue and white
- Available in five single lens colors: red, green, amber, blue and clear
- Offered with a variety of lens options: Hi Hat, Hi Dome, Semi Dome and Small Dome
- Transparent and diffused lenses provide visibility during daylight
- Available in operating voltage of 12VAC/DC, 28VAC/DC and 125VAC
- Offered with wire leads (4.4"/4.8") or tab terminal (0.187" x .020")
- "Double D" mounting hole prevent any rotation of the indicator while the nut is being installed.
- Bezel finish: Polished stainless steel
- Designed, manufactured and tested in accordance with the relevant UL and CSA standards
- Order speed nuts separately to provide maximum fastening power with minimal installation torque
- Order gasket separately to provide water, oil, air and dust tight
- Compliant with RoHS and REACH requirements

## Ordering Data

The 1092 Series is available in a range of standard features and options. To specify your Panel Mount Indicator, simply choose one option from each column. An example is shown below

| Series | Lens Style | Color | Voltage |  |
|--------|------------|-------|---------|--|
| 1092Q  |            |       | -       |  |

|            |   |
|------------|---|
| Hi-Dome    | A |
| Hi-Hat     | C |
| Semi-Dome  | D |
| Small-Dome | M |

|       |   | luminous intensity (Typ) |
|-------|---|--------------------------|
| Red   | 1 | 13,000 mcd               |
| Amber | 3 | 13,000 mcd               |
| Green | 5 | 12,000 mcd               |
| Blue  | 6 | 3,200 mcd                |
| Clear | 2 | 7,000 mcd                |

|        |        |
|--------|--------|
| 12V    | 12V    |
| 28V    | 28V    |
| 125VAC | 125VAC |

**Example:** 1092QD5-12V

1092 Tab Terminals with Semi-Dome lens - Green LED and 12 Volts



## Accessories Ordering Data [order separately]

Speed Nut: SN0461-C

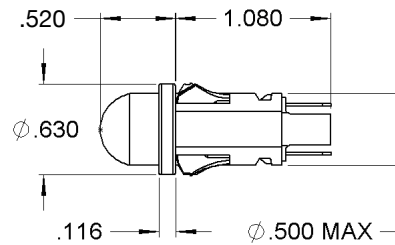
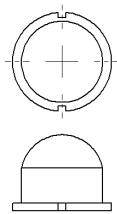


O'Ring Gasket: SPC472

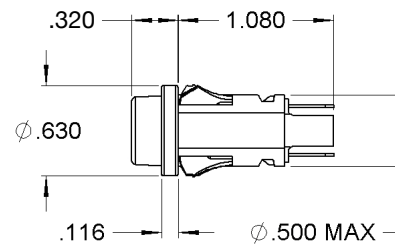
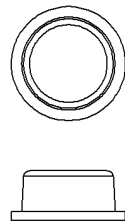


## Product Dimensions

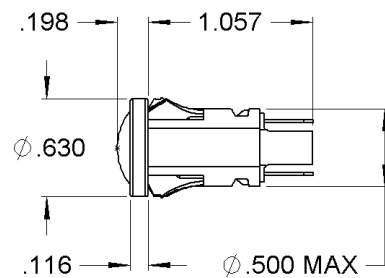
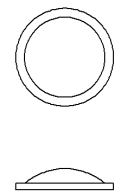
### Hi-Dome



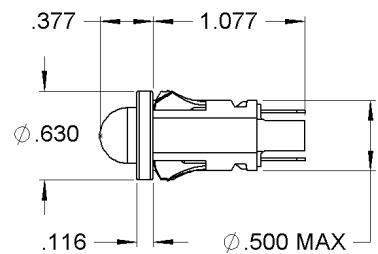
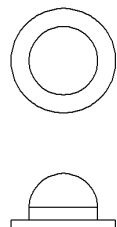
### Hi-Hat



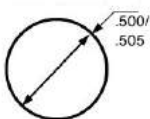
### Semi Dome



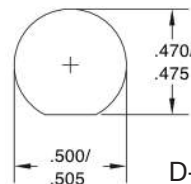
### Small Dome



### Mounting Hole (All)



Standard Mounting Hole



D-Mounting Hole

D-Mounting Hole

Dimensions in inches

## Product Specifications

| Materials     |                                       |
|---------------|---------------------------------------|
| Housing       | White Nylon UL94 V-2                  |
| Lens          | Transparent Polycarbonate<br>UL94 V-2 |
| Bezel         | Polished stainless steel              |
| Tab terminals | Quick-connect tinned brass            |

| Voltage Table |            |          |
|---------------|------------|----------|
| Nominal       | VAC        | VDC      |
| 12V           | 10 to 14   | 10 to 14 |
| 28V           | 26 to 30   | 26 to 30 |
| 125V          | 105 to 125 | -        |

| Temperature Specifications |                                   |
|----------------------------|-----------------------------------|
| Operating Temperature      | -40°C to +85°C<br>-40°F to +185°F |
| Storage Temperature        | -40°C to +85°C<br>-40°F to +185°F |

| Installation Specifications |                                         |
|-----------------------------|-----------------------------------------|
| Mounting Hole               | 0.500" to 0.505"<br>(12.70 to 12.83 mm) |
| D-Mounting Hole             | 0.470" to 0.475"<br>(11.94 to 12.07 mm) |
| Panel Thickness             | 0.020" to 0.100"<br>(0.51 to 2.54 mm)   |
| Tab Terminals               | 0.187" (4.75mm) terminals               |

| Internal Resistor |                          |
|-------------------|--------------------------|
| 12V               | 390Ω                     |
| 28V               | 1200Ω                    |
| 125V              | 15000Ω + rectifier diode |

|                        |      |
|------------------------|------|
| Forward Current Rating | 25mA |
|------------------------|------|

## Accessory options [order separately]

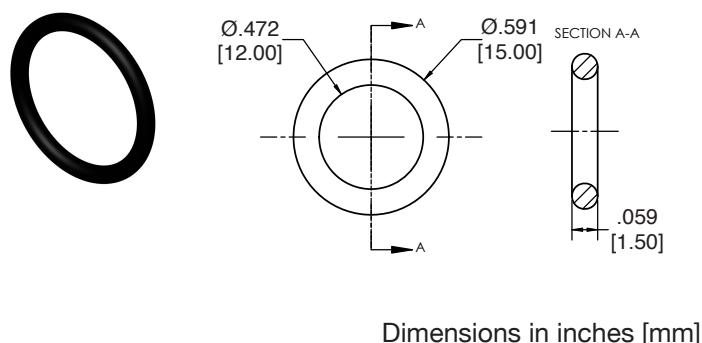
### O-Ring Gasket

Part Number: **SPC472**

The 1092 Gasket is designed to seal many types of media, including water, air, dust, and oil.

The panel gasket is intended to provide a seal between the panel and the 1092 Panel Mount Indicator.

Meets ASTM D2000 standard.



| Material                     |
|------------------------------|
| Buna-N, Durometer A50, black |

| Installation Specification |                 |
|----------------------------|-----------------|
| Internal Diameter          | 0.472" (12 mm)  |
| 28V                        | 0.059" (1.5 mm) |
| Operational Temperature    | -30°F to +225°F |

## Accessory options [order separately]

### Push-on speed nut

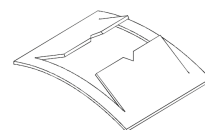
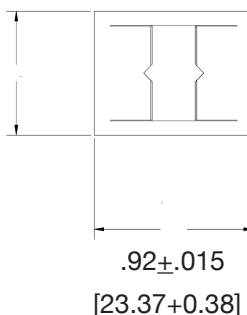
Part Number: **SN0461-C**

Description: Speed nut with coating, which secures the indicator in place

- One piece, self-locking, heat-treated, spring-steel fastener that replaces threaded nut, lock washer or spanner washer
- Eliminates time-consuming assembly operations
- Fast and easy to apply, the speed nut fastener provides maximum holding power at minimum cost per fastener
- It does not shake loose from vibration, yet can be easily loosened without worry about rust-frozen screw threads
- For smaller components where space is premium
- Requires less torque than standard hex-nuts
- Can be installed prior to painting process so threads won't fill.



.75±.01  
[19.05±0.25]



Dimensions in inches [mm]

| Material                 |              |
|--------------------------|--------------|
| Speed Nut<br>(one piece) | Spring Steel |

| Installation Specification |                   |
|----------------------------|-------------------|
| Stud Size                  | 0.485" (12.319mm) |

## Compliances and Approvals





**Стандарт  
Электрон  
Связь**

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