



# 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 |

| Color | Code | 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



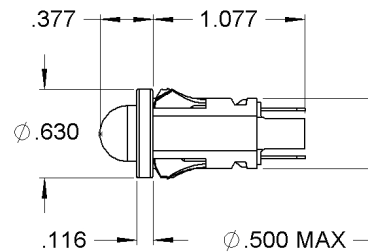
## Hi-Hat



## 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]

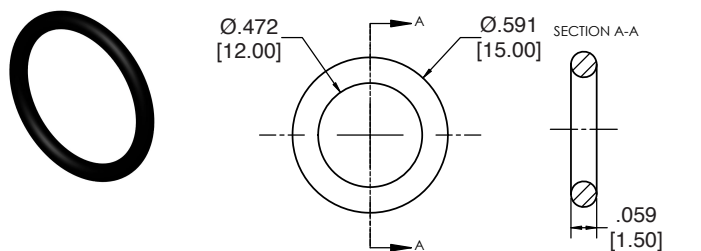
### O-Ring Gasket

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.



Dimensions in inches [mm]

| 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 |

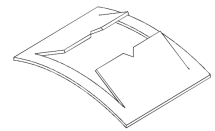
## Accessory options [order separately]

### 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.



Dimensions in inches [mm]

| Material              |              |
|-----------------------|--------------|
| Speed Nut (one piece) | Spring Steel |

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

## Compliances and Approvals



Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

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Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

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Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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