



# 1092 Series

## LED Panel Mount Indicators

### Tab Terminals

Available in four different lens styles, three diffused lens colors and operating voltage of 12V, 28V and 125V  
Snap fit into 0.500" (12.7mm) panel hole diameter



#### Applications

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

#### Key Features

- Snaps fit into 0.500" (12.7mm) panel hole
- LED illumination
- Four different lens styles available: Hi Hat, Hi Dome, Semi Dome and Small Dome
- Front-panel mount
- Front panel snap-in mounting requires no additional hardware
- Life expectancy of 100,000 hours
- High brightness LEDs for daylight viewing
- UL/cUL Listed. File Number E20356
- Order speed nuts separately to provide maximum fastening power with minimal installation torque.
- Order gasket separately to provide water, oil, air and dust tight.
- 0.187" (4.75mm) tab terminal
- 4.4"/4.8" wire leads version also available
- Available in operating voltage of 12V, 28V and 125V
- Three colors available: Red, Green, Amber
- Transparent and clear lenses provide visibility during the daylight
- Solution to retrofit: save energy and reduce the costs
- 'D' mounting hole aids anti-rotation
- Compliant with RoHS and REACH requirements
- For customized options, please contact us

## 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		12V
Hi-Hat	C		28V
Semi-Dome	D		125VAC
Small-Dome	M		125VAC
		luminous intensity (Typ)	
	Red	1	13,000 mcd
	Amber	3	13,000 mcd
	Green	5	12,000 mcd

Example: 1092D5-12V  
1092 with Semi-Dome lens - Green LED and 12 Volts



## Accessories Ordering Data [order separately]

Speed Nut: SN0461-C

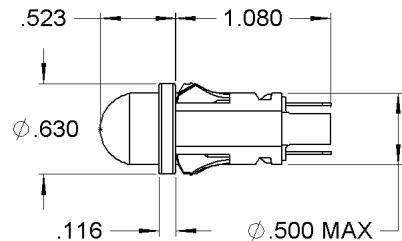
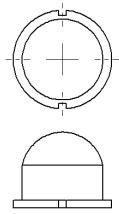


O'Ring Gasket: SPC472

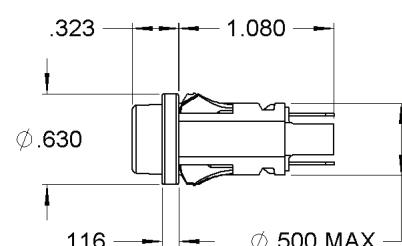
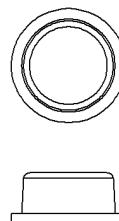


## Product Dimensions

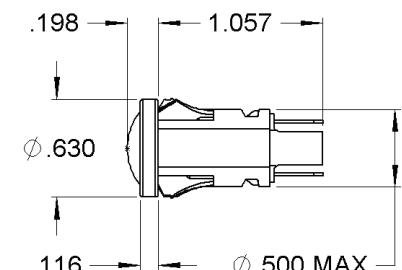
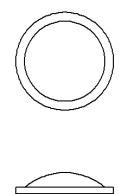
### Hi Dome



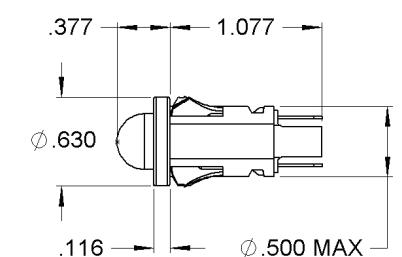
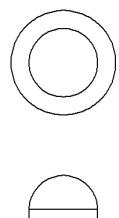
### Hi Hat



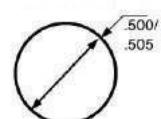
### Semi Dome



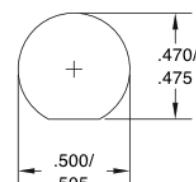
### Small Dome



### Mounting Hole (All)



Standard Mounting Hole



D-Mounting Hole

Dimensions in inches

1.800.522.5546

08/16 Rev 3

## Product Specifications

Materials	
Housing	White Nylon UL94 V-2
Lens	Transparent Polycarbonate 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 -40°F to +185°F
Storage Temperature	-40°C to +85°C -40°F to +185°F

Installation Specifications	
Mounting Hole	0.500" to 0.505" (12.70 to 12.83 mm)
D-Mounting Hole	0.470" to 0.475" (11.94 to 12.07 mm)
Panel Thickness	0.020" to 0.100" (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
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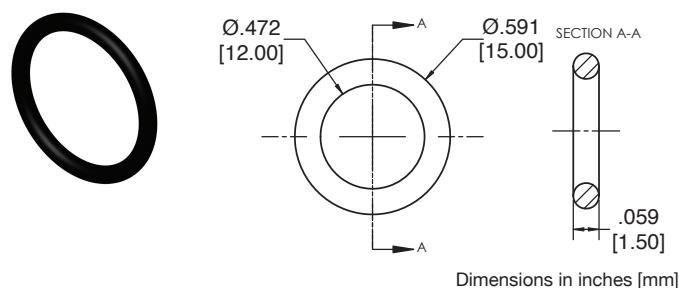
## Accessory options [order separately]

### 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)
Thickness	0.059" (1.5 mm)
Operational Temperature	-30°F to +225°F

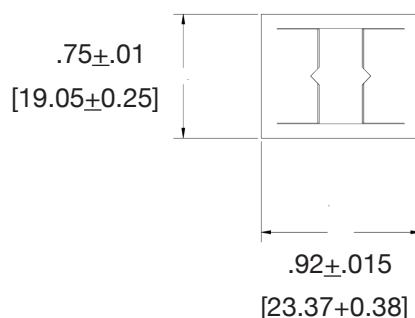
## Accessory options [order separately]

### 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		Installation Specification	
Speed Nut (one piece)	Spring Steel	Stud Size	0.485" (12.319mm)

## Compliances and Approvals

