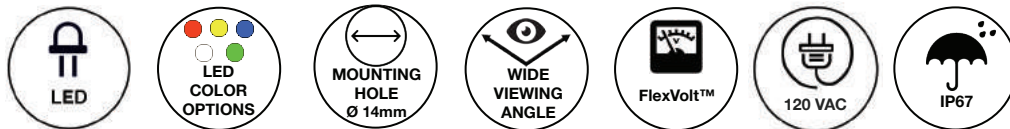# CNX714 Series
0.551" (14mm) Ruggedized
LED Panel Mount Indicator

Ruggedized CNX714 Series with built-in LED offers fast, easy installation in harsh environments.

| LED | LED COLOR OPTIONS | MOUNTING HOLE Ø 14mm | WIDE VIEWING ANGLE | FlexVolt™ | 120 VAC | IP67 |

Applications

- Industrial Machinery
- Transportation Dashboards
- Instrument Panels
- Control Cabinets
- Safety Applications

- Disinfection and Sterilization
- Switching Stations
- Slot, Gaming and Vending Machines
- Outdoor Signs
- Military Aircraft

Key Features

- For panel hole diameter: 0.551" (14mm)
- Designed for extreme harsh and outdoor environments.
- Variety of connection options for fast, easy installation.
- Built-in LED can be used with FlexVolt™ (5 to 28 VDC) or 120VAC circuits
- Fast pitch threads ease assembly, requiring only one turn.
- Nut assembly by finger-tightening or with 1 inch hex key.

- Outdoor visibility in direct sunlight.
- Available in six solid colors (red, green, white, blue, soft yellow and yellow).
- Wide Viewing Angle
- Resistant to shock and vibration.
- Moisture sealed, IP67, protected from total dust ingress and withstanding water immersion between 15 cm and 1 meter for 30 minutes.
- Lead wire options with custom wire length available.
- Other colors (single or bicolor) are available upon request.
- RoHS and REACH Compliant.

Ordering Data

The CNX714 Series is available in a range of standard features and options.
To specify your Panel Mount Indicator, select one option from each column.

	LED Color	Voltage	Termination Style
CNX714C			W

CNX714C:
Colored Body

200	Red
400*	Soft Yellow
401	Yellow
500	Green
600	Blue
900	White

FV	5-28VDC
120	120VAC

W	Wire Leads

Example:
CNX714C600120W
Blue
120VAC
Wire Leads

* Not Available for the 120VAC Version

Product Dimensions

6.00 ± .25
[152.40 ± 6.35]

.65
[16.51]

1.00
[25.40]

Ø.67
[17.00]
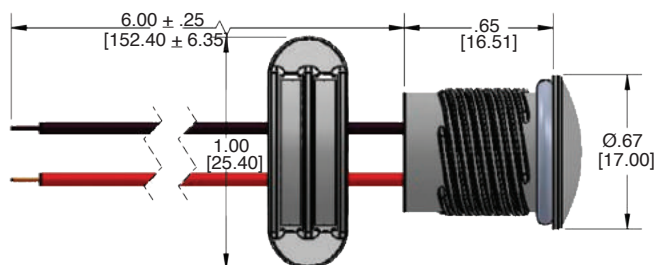
Recommended Mounting Hole

0.551
⌀[14.00]
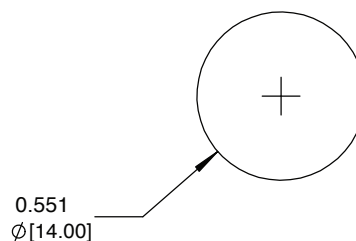
All Dimensions in inches [mm]
Tolerances are: ±0.01 inches [± 0.25 mm] unless otherwise specified

Product Specifications

Flex Voltage Version:

LED output		
LED color	Luminous intensity typ. (mcd)	I (mA)
red	1300-2700	20
soft yellow	80-400	20
yellow	450-1120	20
green	1000-1400	20
blue	280-710	20
white	1300-1800	20

120VAC Version:

LED output		
LED color	Luminous intensity typ. (mcd)	I (mA)
red	550	8
yellow	245	8
green	924	8
blue	67	8
white	644	8

Installation Specification	
mounting hole	0.551" (14.0mm)
panel thickness	Up to .250" (6.3mm)
spacing	minimum 1.5" center to center
retainer width	1" (25.4 mm)

Temperatures	
operating temperature	-40°F (-40°C) to 176°F (80°C)
storage temperature	-40°F (-40°C) to 212°F (100°C)

Materials	
body	polycarbonate, UL94-V2
retaining nut	PBT/Glass Filled, UL94-V0
wire	24 AWG - Black/Red** 20 AWG - Black***
lens	polycarbonate, UL94-V2
moisture seal	EPDM

** Flex Voltage Version
*** 120 VAC Version

Compliance and Approvals

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[VCC](#):
 [CNX714C200120W](#) [CNX714C500120W](#) [CNX714C900120W](#) [CNX714C600120W](#) [CNX714C401120W](#)