



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



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



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.

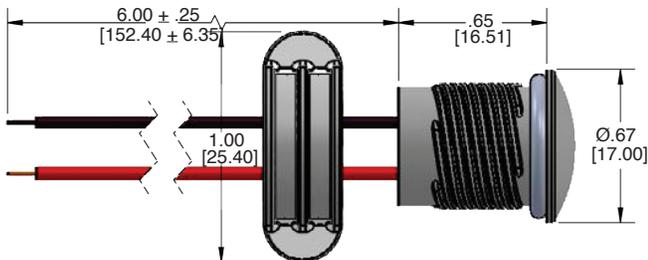
| LED Color | | Voltage | | Termination Style | |
|--------------------------|-------------|------------|---------|---------------------|--|
| CNX714C | | | | W | |
| CNX714C: Colored Body | | | | | |
| 200 | Red | | | W Wire Leads | |
| 400* | Soft Yellow | | | | |
| 401 | Yellow | | | | |
| 500 | Green | | | | |
| 600 | Blue | FV | 5-28VDC | | |
| 900 | White | 120 | 120VAC | | |

Example:
CNX714C600120W
Blue
120VAC
Wire Leads

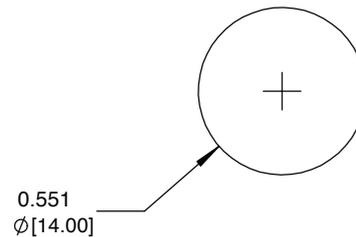


* Not Available for the 120VAC Version

Product Dimensions



Recommended Mounting Hole



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) |
| Torque Specs | 4-5 in/lbs |

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



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