VCC™

CNX722 Series
0.866" (22mm) Ruggedized LED Panel Mount Indicator

Ruggedized CNX722 Series with built-in LED offers fast, easy installation in harsh environments.

LED | LED COLOR OPTIONS | MOUNTING HOLE Ø 22mm | 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: 0.866" (22mm)
- 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.
- RoHS and REACH Compliant.

- 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.
- Optional bezel available in many colors
- 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 and bicolor) are available upon request.

Ordering Data

The CNX722 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
CNX722C			

CNX722C:
Colored Body

Example:
CNX722C401120T
Yellow
120V
Quick Disconnect

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

FV	5-28VDC
120	120VAC

B*	Screw Block
W	Wire Leads
T	Quick Disconnect/ Terminals

* Not Available for the 120VAC Version

Accessories
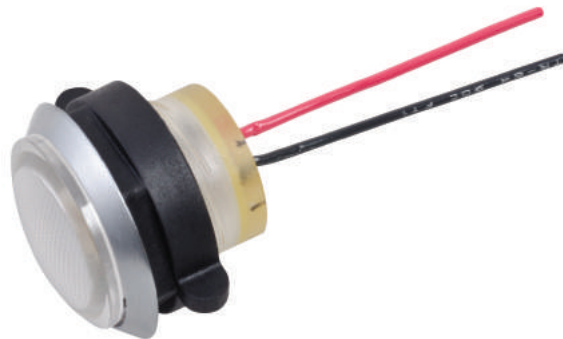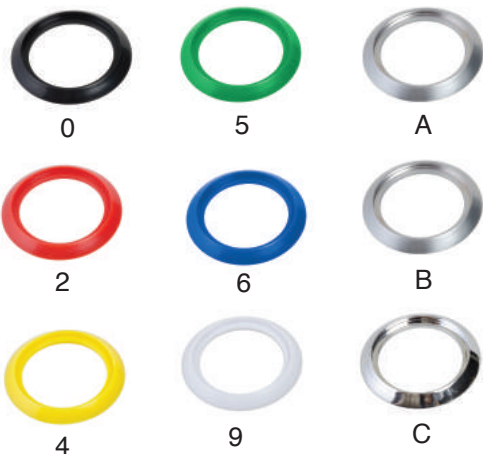
Optional sealed bezel: BZL722-☐

Sealed Bezel IP67
• Material - either plastic or metal
• For indoor and outdoor applications, protects against falling dirt. Also protects against water or oil and the effects of ice formation.
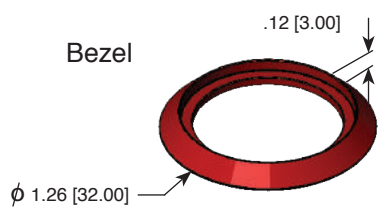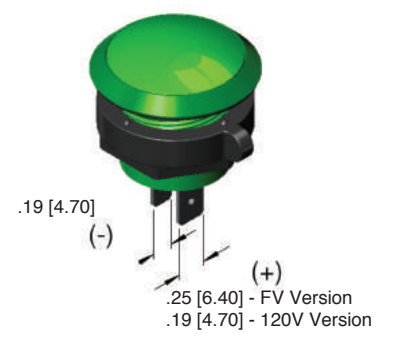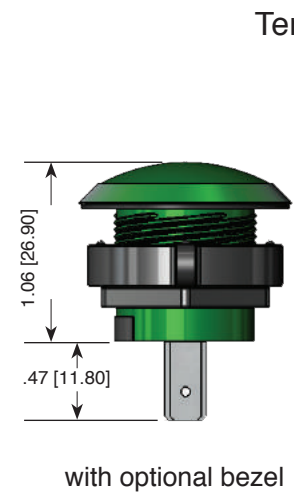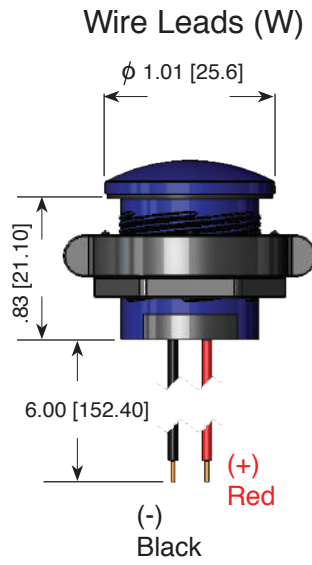
moisture seal	EPDM
bezel-plastic	ABS, UL 94-HB
bezel-metal	aluminum alloy

	Bezel Color	Material
☐	color	
0	black	plastic
2	red	plastic
4	yellow	plastic
5	green	plastic
6	blue	plastic
9	white	plastic
A	actual aluminum	metal
B	brushed aluminum	plastic
C	chrome	plastic

Example:
CNX722C900FVW
White
with BZL722-A
Actual Aluminum
Bezel

0

5

A

2

6

B

4

9

C

Product Dimensions

Screw Blocks (B)

φ 1.26 [32.00]

Body Seal 0.031 [0.80]

.78 [19.81]

.60 [15.24]

1.50 [38.1]

with optional bezel

Wire Leads (W)

φ 1.01 [25.6]

.83 [21.10]

6.00 [152.40]

(-)
Black

(+)
Red

Terminals (T)

1.06 [26.90]

.47 [11.80]

with optional bezel

.19 [4.70]

(-)

(+)

.25 [6.40] - FV Version
.19 [4.70] - 120V Version

Bezel

.12 [3.00]

φ 1.26 [32.00]
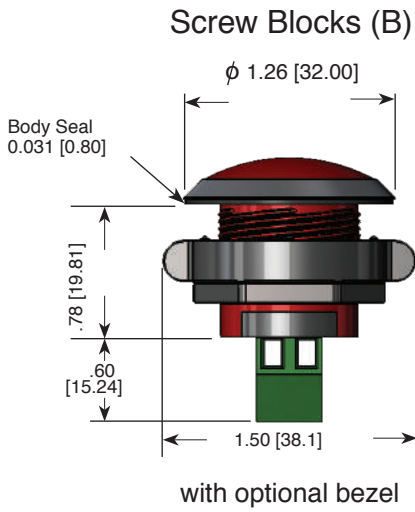
Recommended Mounting Hole

φ 0.855 - 0.910 [21.7 - 23.1]
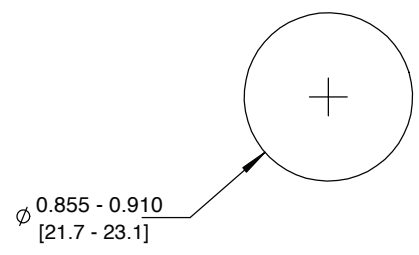
All Dimensions in inches [mm]

Product Specifications

Flex Voltage Version:

LED output		
LED color	Luminous intensity (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	0.855-910" (21.7-23.1mm)
panel thickness	Up to .300" (7.6mm)
spacing	minimum 1.5" center to center
retainer width	1.50" (38.1 mm)

Operating parameters	
operating temperature	-40°F (-40°C) to 176°F (80°C)

Materials	
body	polycarbonate, UL94-V2
retaining nut	PBT/Glass Filled, UL94-V0
wire	22 AWG - Black/Red** 18 AWG - Black***
lens	polycarbonate, UL94-V2
moisture seal	EPDM

** Flex Voltage Version
*** 120 VAC Version

Compliance and Approvals

X-ON Electronics

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