



# CNX 722FV Series

## 0.866" (22mm) Ruggedized LED

### FlexVolt™ Panel Mount Indicator



CNX 722FV Series with built-in LED FlexVolt™ technology offers fast, easy installation in harsh environments

#### Applications

- control cabinets
- instrument panels
- disinfection and sterilization environments
- transportation dashboards
- switch stations
- safety applications
- outdoor signage
- aircraft and military
- industrial machinery
- vending and gaming machines

#### Key features

- designed for extreme harsh and outdoor environments
- variety of connection options for fast, easy installation
- built-in LED can be used with 5 to 28 volt DC circuits
- fast pitch threads ease assembly, requiring only 1 turn
- special nut assembles by finger, or with 1" hex tool
- direct sunlight visibility
- wide viewing angle
- resistant to shock and vibration
- custom LEDs and lens colors available
- optional bezel available in many colors
- moisture sealed, IP67/NEMA 6P rated

#### Product dimensions



## Ordering data

CNX 722 22mm indicator  
ordering code (example)

CNX 722 C XXX FV X

| Body Type |           |
|-----------|-----------|
| X         | material  |
| C         | colored** |

\*\*Body color to  
match LED color

| LED Color |             |
|-----------|-------------|
| XXX       | color       |
| 200       | red         |
| 400       | soft yellow |
| 401       | yellow      |
| 500       | green       |
| 600       | blue        |
| 900       | white       |

| Voltage |               |
|---------|---------------|
| XX      | input voltage |
| FV      | 5-28 VDC      |

| Termination Style |                                |
|-------------------|--------------------------------|
| X                 | termination style              |
| B                 | screw block                    |
| T                 | quick disconnect/<br>terminals |
| W                 | wire leads                     |

## Product specifications

| LED output  |                     |        |
|-------------|---------------------|--------|
| LED color   | typ intensity (mcd) | I (mA) |
| red         | 1300-1900           | 20     |
| soft yellow | 80-200              | 20     |
| yellow      | 450-1120            | 30     |
| green       | 700-1400            | 20     |
| blue        | 280-710             | 30     |
| white       | 1300-1700           | 20     |

| Materials     |                         |
|---------------|-------------------------|
| body          | polycarbonate, UL 94-V2 |
| retaining nut | Valox, black UL 94-V0   |
| wire          | 22 AWG 1007/1569        |
| lens          | polycarbonate, UL 94-V2 |
| moisture seal | EPDM                    |

| Installation specification |                                  |
|----------------------------|----------------------------------|
| mounting hole              | .855-.910" (21.7-23.1mm)         |
| panel thickness            | Up to .300" (7.6mm)              |
| spacing                    | minimum 1.5"<br>center to center |

| Operating parameters  |                                  |
|-----------------------|----------------------------------|
| operating temperature | -40°F (-40°C) to<br>176°F (80°C) |

## Compliance & approvals



## Accessory options

### Optional sealed bezel: BZL722\_X

Sealed Bezel IP67/NEMA 6P

- 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 |
|-------------|------------------|----------|
| X           | 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  |