CNX K Series
Build Your Own Indicator
for Use With T-1 3/4 (5mm) LEDs

CNX K Series features modular panel mount indicator assemblies and mounting hardware and require no tools for assembly

Applications

- Industrial
- Transportation
- Emergency Applications
- Maritime, Oil and Gas Industry
- Automation and Control
- People Movers
- Instrument Panels
- Gaming and Vending Machines
- Outdoor Applications

Key Features

- For panel hole diameter: 0.281” (7.14mm)
- Terminations available: stripped end, locking connector and plain connector
- Eliminates the need for soldering or crimping wires
- Available wire gauge: 24 AWG
- Available in 6 standard wire lengths, from 4” to 24”
- Choice of 2 different wires colors: White/Black or Red/Black
- Panel thickness ranges from 0.030” (0.762mm) to .250” (6.35mm)
- 5mm (T-1 3/4) LED (Flangeless only) needs to be ordered separately
- For additional options please contact our technical sales department
- U.S. and foreign patent issued
- RoHS and REACH Compliant
## Ordering Data

<table>
<thead>
<tr>
<th>Series</th>
<th>LED Termination</th>
<th>Wire Size</th>
<th>Wire Color</th>
<th>Wire Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>CNX K</td>
<td>G</td>
<td>4</td>
<td>1</td>
<td>12</td>
</tr>
<tr>
<td>X</td>
<td>Stripped End</td>
<td>4</td>
<td>1 White-Black</td>
<td>04 4in (101.6mm)</td>
</tr>
<tr>
<td>E</td>
<td>Single Row Locking Header</td>
<td>1 Red-Black</td>
<td>06 6in (152.4mm)</td>
<td></td>
</tr>
<tr>
<td>G</td>
<td>Single Row Plain Header</td>
<td>2 24 AWG</td>
<td>08 8in (203.2mm)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>12 12in (304.8mm)</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>18 18in (457.2mm)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>24 24in (609.6mm)</td>
</tr>
</tbody>
</table>

Example: **CNX_K_G_4_1_12**

Single Row Plain Header, 24 AWG Wire Size, White/Black Wire Color, 12 Inch Wire Length

*Call VCC for additional options*

**Shown with 5mm (T-1 3/4) Flangeless LED**

## Terminations

- **Stripped End (X)**
  - Wire color options
- **Single Row (E)**
  - Locking Connector
  - 2 Wires Option Only
- **Single Row (G)**
  - Plain Connector
  - 2 Wires Option Only

## Accessories (Order Separately)

- **5mm (T-1 3/4)**
  - Flangeless Only
- **RNG 242**
  - Retainer Ring Option
  - RNG_242
Product Dimensions

Recommended Mounting Hole

Notes:
1. All dimensions are in inches [millimeters]
2. Tolerance is ± .500 [12.7] unless otherwise noted.
3. XX.XX refer to wire length
4. The specifications, characteristics and technical data described in the datasheet are subject to change without prior notice.

Product Specifications

<table>
<thead>
<tr>
<th>Materials</th>
<th>Installation Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Panel Connector Socket</td>
<td>Polypropylene, UL 94-HB</td>
</tr>
<tr>
<td>Head Connector</td>
<td>Polyester, UL 94-V0</td>
</tr>
<tr>
<td>Terminals</td>
<td>Phosphor Bronze, Tin Plate</td>
</tr>
<tr>
<td>Wire</td>
<td>24 AWG 1007/1569</td>
</tr>
<tr>
<td>Mounting Hole</td>
<td>0.281” (7.14mm)</td>
</tr>
<tr>
<td>Panel Thickness</td>
<td>.030” (.762mm) Min - .250” (6.35mm) Max Use RNG 242 retainer ring when additional security is required</td>
</tr>
<tr>
<td>LED Lead Length</td>
<td>5mm Flangeless LED .250” (6.35mm)</td>
</tr>
</tbody>
</table>

Compliances and Approvals

[REACH and RoHS Compliance logos]