



CNX 310 Series

Build Your Own Indicator

For use with T-1 3/4 (5mm) LEDs

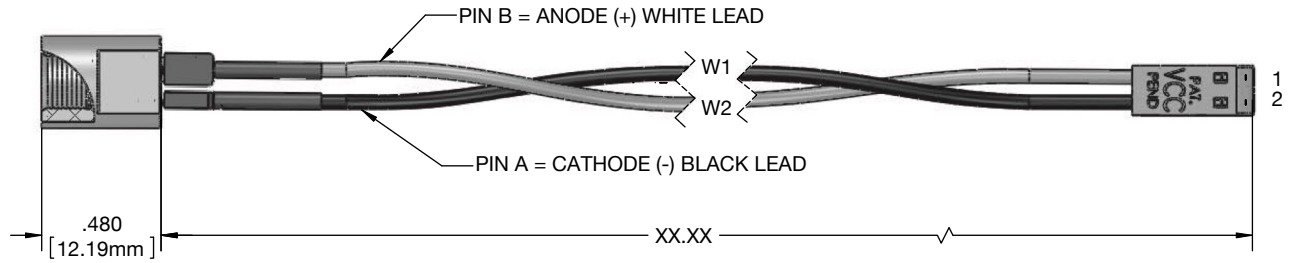


CNX 310 Series features modular panel mount indicator assemblies and mounting hardware and require no tools for assembly.

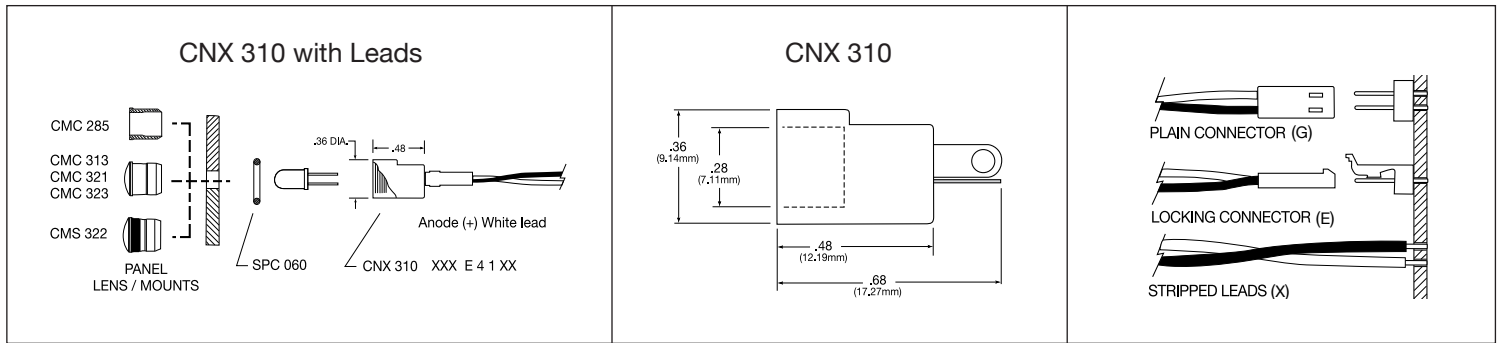
Key Features

- For panel hole diameter: 0.28" (7.14mm)
- Choice of 4 different types of lenses
- Terminations available: Stripped end, Single Row Locking Header or Single Row Plain Header
- Eliminates the need for soldering or crimping wires to fragile LED leads and deliver superior stability when subjected to forces of 2Gs, 4Gs and 6Gs from 0 to 2000 Hz
- Available in 6 standard wire lengths, from 4 to 24 inches
- Choice of 2 different wires colors: Black/White or Red/Black
- Standard wire gauge: 24 AWG
- Panel thickness ranges from 0.030" (0.762 mm) to 0.125" (3.175mm). Refer to Product Specifications for Technical Details
- 5mm LED, Lens, Clip and Spacer needs to be order separately
- Panel Clip CMC_285 is optional and designed to secure and center the LED into the panel
- Spacer SPC_060 made of EPDM rubber is optional and designed to seal against water, oil, air and dust
- For additional options please contact our Technical Sales Department
- RoHS and REACH Compliant

Product Dimensions



Tolerances unless otherwise specified
±0.005" (±12.7mm)



Accessories (Order Separately)

LED Through Hole



LED 5mm

Spacer SPC



SPC_060

Clip CMC 285 Series



CMC_285_BLK

CMC_285_BLK (Black)
CMC_285_CTP (Clear)

CMC 313 Series



CMC_313_BTP

CMC_313_ATP
CMC_313_BTP
CMC_313_CTP
CMC_313_GTP
CMC_313_RTP
CMC_313_YTP

CMC 321 Series



CMC_321_ATP

CMC_321_ATP
CMC_321_BTP
CMC_321_CTP
CMC_321_GTP
CMC_321_RTP
CMC_321_YTP

CMC 323 Series



CMC_323_CTP

CMS 322 Series (Moisture Sealing)



CMS_322_ATP
CMS_322_BTP
CMS_322_CTP
CMS_322_GTP
CMS_322_RTP
CMS_322_YTP

Ordering Data

CNX_310_□□□□□□□□

| RESISTOR | |
|----------|-------------|
| 000 | No Resistor |
| 012 | 120 OHMS |
| 018 | 180 OHMS |
| 033 | 330 OHMS |
| 056 | 560 OHMS |
| 120 | 1200 OHMS |
| 220 | 2200 OHMS |

| TERMINATION | |
|-------------|---------------------------|
| X | Stripped End |
| E | Single Row Locking Header |
| G | Single Row Plain Header |

| WIRE SIZE | |
|-----------|--------|
| 4 | 24 AWG |

| WIRE COLOR | |
|------------|---------------|
| 1 | WHITE - BLACK |
| 2 | RED - BLACK |

| WIRE LENGTH | |
|-------------|---------------------|
| 04 | 4 INCHES (101.6mm) |
| 06 | 6 INCHES (152.4mm) |
| 08 | 8 INCHES (203.2mm) |
| 12 | 12 INCHES (304.8mm) |
| 18 | 18 INCHES (457.2mm) |
| 24 | 24 INCHES (609.6mm) |

Ordering code example CNX_310_012_E_4_1_12

Product Specifications

| Compliances | |
|------------------------|----------------------------|
| Panel Connector Socket | Polypropylene, UL 94-HB |
| Header Connector | Polyester, UL 94-V0 |
| Terminals | Phosphor Bronze, Tin Plate |
| Wire | 24 AWG 1007/1569 |

| Installation Specifications | |
|-----------------------------|--|
| Mounting Hole | 9/32" (0.281") (7.14 mm) |
| Panel Thickness | 0.030" - 0.125" (0.762mm - 3.175mm) |

| Panel Thickness / Spacers | |
|--|--------------------|
| 0.030" - 0.045" (0.762mm - 1.143mm) | Use 2 SPC_060 |
| 0.050" - 0.100" (1.27mm - 2.54mm) | Use 1 SPC_060 |
| 0.105" - 0.125" (2.67mm - 3.175mm) | No Spacer Required |

| Lenses / LED Lead Length | |
|---------------------------------------|--------------------------------------|
| Lens or Clip | LED Lead Length |
| CMC_285 (Clip) | 0.350" ± 0.01" (8.89mm ± 0.254mm) |
| CMC_313, CMC_321, CMC_323, CMS_322 | 0.250" ± 0.01" (6.35mm ± 0.254mm) |

Compliances and Approvals



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