

Harsh Environments

Ruggedized meets reliable in VCC's comprehensive product lineup

Dirt. Vibration. Moisture. Sweat. And yes, even electric shock. Our innovative products are built to withstand whatever the job demands, day in and day out. And they do it without sacrificing reliability or safety.

At VCC, we understand that optimal viewing angle isn't a nice-to-have when there's work to be done in harsh environments. So our products do more than look the part. From EMI protection to watertight seals, our products are built for some of the toughest working conditions out there.

Whether you need a standardized or custom design, we'll deliver the ideal solution along with heavy-duty efficiencies in production, assembly and manufacturing costs.

APPLICATIONS

No matter the application, VCC offers industrial-strength solutions:



- Food Warming Equipment
- Countertop Ovens & Boiling
- Insulated Hot Cabinet Equipment
- Weight Indicators Equipment
- Food Bagger Equipment



- Welding and Drilling Machines
- Aircraft Diesel Generators
- Power Generator Controllers
- Commercial Ozone Generator
- Solar Panel Control Box

PRODUCTS

PMIs built to take whatever you dish out

Whether you need wire leads, tabbed terminals or screw-post indicators, your control panel will be foolproof when it comes to keeping out moisture, or dirt with IP-rated products ranging from IP65 to IP67. Our products are bred for long, hard life with high visibility, day or night.

PCL22 SERIES

22 mm / 0.88"
LED Pilot Light
Diffused Translucent Lens
12 VDC, 24VDC
Rated IP65



CNX722 SERIES

22 mm / 0.88"
Ruggedized LED Indicator
Flex Voltage: 5V to 28V, 120VAC
Direct Sunlight Visibility
Rated IP67



CNX_482 SERIES

10.16 mm / 0.39"
High-Intensity LED Indicator
3VDC Voltage
Vibration-Resistant
Rated IP66



PML50 SERIES

17.5 mm / 0.69"
Unique Optical Low-Profile Lens
Flex Voltage: 5V to 28V
Vibration-Resistant
Rated IP67



CNX714 SERIES

14 mm / 0.55"
Ruggedized LED Indicator
Flex Voltage: 5V to 28V, 120VAC
Direct Sunlight Visibility
Rated IP67



1092 SERIES

12.7 mm / 0.50"
Ruggedized LED Indicator
12V, 28V, 125VAC, 250VAC
Water, Oil, Air and Dust Tight
Direct Sunlight Visibility



Light pipes that line up for daily abuse

Whether you need linear or flexible light pipes, VCC has the solution that delivers watertight indication without compromising quality or visibility. These products are threaded, sealed and ready to provide years of reliable indication in the harshest applications.

LSS SERIES

4.34 mm / 0.171"
180° View Angle
w/ Retainer Ring
Low-Profile
Sealed Light Pipe



LMS SERIES

7.14 mm / 0.281"
180° View Angle
w/Retainer Ring
Low-Profile



LCS SERIES

7.92 mm / 0.312"
180° View Angle
w/Lockwasher & Retainer Nut
Threaded Moisture-Sealed Light Pipe



FLX_322 SERIES

7.1 mm / 0.28"
Fiber Optic
w/ Fresnel Lens
Seal & Retainer Ring



FLX_44X SERIES

7.9 mm / 0.31"
Fiber Optic
w/ Lens
Threaded Seal, Lock Washer
& Retainer Ring



FLXR SERIES

10.1 mm / 0.40"
Fiber Optic
NEMA4 Threaded w/ Seal
Lock Washer, & Retainer Ring



Panel lenses designed to shine when the going gets tough

When the stakes are high, VCC's panel lenses step up with watertight construction to help eliminate electrostatic discharge. Various lens types deliver optimal daylight visibility and viewing angle. Mounting hardware is included to ensure the indicators stay put (and dry) in high-vibration situations.

HMS_462 SERIES

PLC Lens 10mm 0.562"
Watertight EPDM Seal
Moisture-Sealed Fresnel Lens
Lock Washer & Retainer Ring



CMS_442 SERIES

PLC Lens 5mm 0.312"
Watertight EPDM Seal
Moisture-Sealed Fresnel Lens
Lock Washer & Retainer Ring



CMS_444 SERIES

PLC Lens 5mm 0.312"
Moisture-Sealed Lens
Watertight EPDM Seal
Lock Washer & Retainer Ring

