



BIVAR

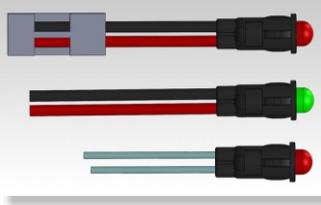
MOVING LIGHT

TO THE FRONT PANEL

FRONT PANEL OPTIONS FOR A VARIETY OF MARKETS INCLUDING COMMERCIAL, INDUSTRIAL, COMMUNICATION, MEDICAL, MILITARY, AND SECURITY.

PANEL MOUNT INDICATORS

NYLON

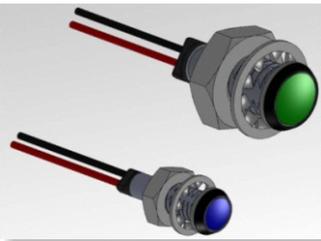


The Nylon Panel Mount Indicators feature fast press-fit, simple installation for general signal indication that does not require water, dust, or moisture proof from the operating area.

- Features both leaded and wired contacts with optional connectors.
- 3mm and 5mm LEDs with a wide selection of colors, lens appearance, and Bivar standard LED offerings from which to choose.
- LEDs are direct drive upon specified Vf (forward voltage).

IP67 RATED PANEL MOUNT INDICATORS

IP67 RATED
NYLON

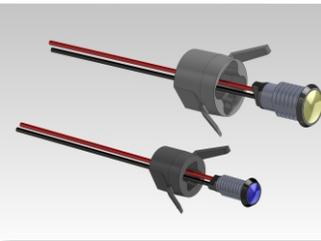


The IP67 Rated Nylon Panel Mount Indicators feature forward voltage of 8-48 VAC/VDC, and a watertight seal from the front panel, ideal for waterproof and moisture protection. The housing and lens are made of ESD protected material, the threaded housing provides positive locking for constant vibration, ideal for a robust environment. A diffused lens provides uniform illumination and wide angle viewing capability.

- Wide Input Range of 8 – 48V (both AC and DC operation is permitted) offers flexible applications for users in diverse market segments.
- Features both leaded and wired contacts with optional connectors.
- 3mm and 5mm LEDs with a wide selection of colors, and Bivar standard LED offerings from which to choose.
- LEDs are direct drive upon specified Vf (forward voltage).

QUICK-MOUNT NYLON PANEL MOUNT INDICATORS

QUICK-MOUNT
NYLON



The Quick-Mount Nylon Panel Mount Indicator Series features a unique, quick locking mechanism, "Quick Nut" to provide instant panel hook up that does not require water or moisture protection. The housing and lens are made of ESD protected material. A diffused lens provides uniform illumination and wide angle viewing capability.

- Features both leaded and wired contacts with optional connectors.
- 3mm and 5mm LED's with a wide selection of colors, lens appearance, and Bivar standard LED offerings from which to choose.
- LEDs are direct drive upon specified Vf (forward voltage).

QUICK-MOUNT FLEXIBLE LIGHT PIPE INDICATORS

QUICK-MOUNT
FLEXIBLE

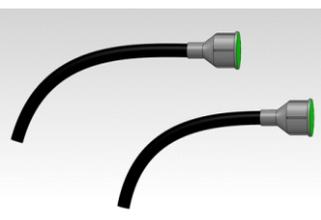


The Quick-Mount Flexible Light Pipe Indicator Series features a unique, quick locking mechanism, "Quick Nut" to provide instant panel hook up that does not require water or moisture protection. The housing and lens are made of ESD protected material. A diffused lens provides uniform illumination and wide angle viewing capability.

- Specifically designed for use with surface mount LEDs as well as standard 3mm and 5mm size, Orca LED, thru-hole PCBs, and vertical or horizontal mounted LEDs.
- The lenses are molded from an optical grade engineering plastic, which allows for maximum light transmission.

FLEXIBLE LIGHT PIPE INDICATORS

NYLON



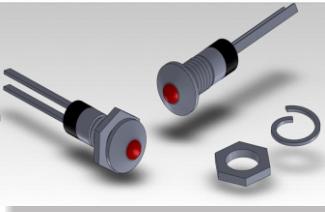
The Flexible Light Pipe Indicator Series features fast press-fit, the most efficient method of transmitting light from the LED to the front panel. A diffused lens provides uniform illumination and wide angle viewing capability.

- Specially designed for use with surface mount LEDs as well as standard 3mm and 5mm size, Orca LED, thru-hole PCBs, and vertical or horizontal mounted LEDs.
- The lenses are ESD protected, and molded from an optical grade engineering plastic, which allows for maximum light transmission.

WHETHER IT'S A CUSTOM SOLUTION OR OFF-THE-SHELF STANDARD,
WE HAVE THE CAPABILITIES TO MEET THE NEEDS OF ANY PROJECT.

PANEL MOUNT INDICATORS

METAL

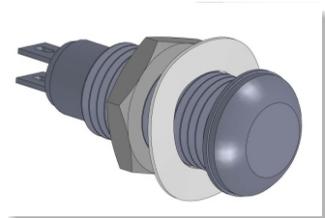


The Metal Panel Mount Indicators, threaded metallic housing provides positive locking for constant vibration, ideal for a robust environment. The durable metallic housing can sustain extreme heat, cold/harsh environments and does not require additional water/moisture protection.

- Features both leaded and wired contacts with optional connectors.
- 3mm and 5mm LEDs with a wide selection of colors, lens appearance, and Bivar standard LED offerings from which to choose.
- LEDs are direct drive upon specified Vf (forward voltage).

IP67 RATED PANEL MOUNT INDICATORS

**IP67 RATED
METAL**

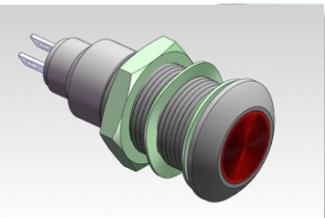


The IP67 rated, ESD protected, professional LED Panel Mount Indicator Series features a ruggedized application, high intensity LED, reverse diode protected with wide range of color and optional 110 VAC input voltage. Lens options include clear raised, color raised, color diffused, and smoked lens. The housing is made of high quality brass / bright nickel finish, or aluminum / black anodized finish.

- Wide input voltage choice, flexible applications for users in diverse market segment.
- Benefits include high optical performance, outstanding reliability, vandal resistance and sealing specifications in excess of IP67, IP68, and NEMA.
- Suitable for high vibration applications and Defense Equipment.
- Sunlight readable, conductive panel seal, Bi-Polar.

EMC AND UL RATED PANEL MOUNT INDICATORS

**EMC & UL RATED
METAL**

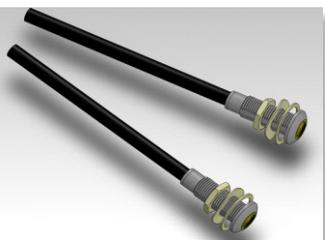


The IP67 rated, ESD protected, professional LED Panel Mount Indicator Series features a ruggedized application, high intensity LED, reverse diode protected with wide range of color and input voltage. Lens options include clear raised, color raised, color diffused, and smoked with excellent wide angle viewing. The housing is made of high quality brass / bright nickel finish, or aluminum / black anodized finish.

- Benefits include high optical performance, outstanding reliability, vandal resistance and sealing specifications in excess of IP67, IP68, and NEMA.
- Suitable for high vibration applications Defense Equipment.
- Sunlight readable, conductive panel seal, Bi-Polar.

IP67 RATED FLEXIBLE LIGHT PIPE INDICATORS

**IP67 RATED
METAL**



The IP67 rated, ESD protected, watertight, dust sealed, features a ruggedized application to survive extreme heat, cold, and harsh handling. High intensity LED, reverse diode protected with wide range of color and input voltage. Lens options include clear raised, color raised, color diffused, and smoked lens. The housing is made of high quality brass / bright nickel finish, or aluminum / black anodized finish.

- Specifically designed for use with surface mount LEDs as well as standard 3mm and 5mm size, Orca LED, thru-hole PCBs, and vertical or horizontal mounted LEDs.
- The lenses are molded from an optical grade engineering plastic, which allows for maximum light transmission.
- Ideal for commercial, industrial, defense and military equipment.

IP67 RATED FLEXIBLE LIGHT PIPE INDICATORS

IP67 RATED



The IP67 Rated Flexible Light Pipe Indicators feature a watertight seal from the front of the panel, ideal for water, dust, and moisture protection. The housing and lens are made of ESD protected material, the threaded housing provides positive locking for constant vibration, ideal for a robust environment. A diffused lens provides uniform illumination and wide angle viewing capability.

- Specifically designed for use with surface mount LEDs as well as standard 3mm and 5mm size, Orca LED, thru-hole PCB, vertical or horizontal mounted LEDs.
- Lenses molded from an optical grade engineering plastic, allows for maximum light transmission.

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