

Panel Mount Indicators (PMIs)

What they are, where they're used, and how to specify them

Panel Mount Indicators are **critical visual components within Human-Machine Interface (HMI) systems**. They deliver immediate status feedback, reinforce operational safety, and streamline user interaction across industrial, commercial, and consumer applications – a simple-looking part whose clarity is essential in complex operating environments.

VCC offers one of the broadest ranges of PMIs – single-color, bi-color, in diameters from **0.16” (3.98 mm) to 0.88” (22 mm)** , plus custom sizes.

Every Panel Mount Indicator is built from several key components, each serving a specific function.

Key Components of a PMI

- **Bezel:** Mechanically retains the lens within the housing while delivering a finished front profile.
- **Lens:** Shapes and diffuses the output; clear or diffused finishes and a range of viewing angles set how the indication reads.
- **Light Source:** Typically a long-life LED, with incandescent or neon available for legacy or specialty need.
- **Wire / Terminals:** Wire leads, tab terminals, or a screw block to land the device into your panel wiring.

Where PMIs are used

- Industrial multi-status indication
- Maritime watertight indication
- Transportation industry
- Food & Beverage
- Power-plant controls
- Commercial appliances

Featured VCC PMI series

CNX722 RUGGEDIZED PMI	PML50 IP67 PMI	CNX718 RUGGEDIZED PMI
FLEX VOLT™ • 0.87” (22 mm) mounting hole • 5–28VDC, 120VAC • Wire leads, screw block, or tab terminals • Fast-pitch threads for quick install • Direct sunlight visibility • Colors: red, green, yellow, blue, white • IP67 · vibration resistant · RoHS	FLEX VOLT™ • 0.668” (17.5 mm) mounting hole • 5–28VDC • Low-profile optical lens • Bi-color red/green available • Wire leads • Direct sunlight visibility • IP67 · vibration resistant · RoHS	• 0.688” (17.47 mm) mounting hole • 5VDC / 12VDC/ 28VDC, 120VAC • Dome lens, water-clear Fresnel • Wide viewing angle • Wire leads, tab terminals • Colors: red, amber, green, white • Vibration resistant · RoHS