

# Load Cell Protector



## FEATURES

Six wires and shield protection works with four or six wire systems

Suitable for compression or tension cells

Low series impedance, loadcells do not need recalibration

NEMA®-12 (IP-55) rated, suitable for outdoor use

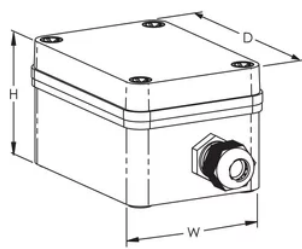
Helps protect against excitation over-voltage and prevent loadcell damage

## SPECIFICATIONS

| Catalog Number                                  | LCP01A                          |
|-------------------------------------------------|---------------------------------|
| Article Number                                  | 701610                          |
| Max Discharge Current (Imax), Shield to Ground  | 10kA 8/20 µs                    |
| Max Discharge Current (Imax), Signal to Shield  | 0.3kA 8/20 µs                   |
| Voltage Protection Level (Up), Shield to Ground | 90V                             |
| Voltage Protection Level (Up), Signal to Shield | 30V                             |
| Voltage Protection Level (Up), Signal to Signal | 15V                             |
| Loop Resistance                                 | 0.3 Ω                           |
| Technology                                      | Silicon Avalanche Diode (SAD)   |
| Material                                        | Acrylonitrile Butadiene Styrene |
| Enclosure Rating                                | NEMA® 12 (IP55)                 |
| Depth (D)                                       | 110mm                           |
| Height (H)                                      | 56 mm                           |

|                |              |
|----------------|--------------|
| Catalog Number | LCP01A       |
| Width (W)      | 75 mm        |
| Unit Weight    | 0.25 kg      |
| Temperature    | -40 to 80 °C |

DIAGRAMS



WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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