

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 μ s
Max Discharge Current (Imax), Signal to Shield	0.3kA 8/20 μ s
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 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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