

MT-LV-CT-WW-R7-1P-LV-0-200A.4-20MA-60HZ-PC-ID

Current Sensor, Window Type, 0-200A Range, 4-20mA Loop-Powered Output

Product ID: 342538

Please see last page for supporting documentation for this product (certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Image: MT-LV-CT-WW-R7-1P-LV-0-200A.4-20MA-60HZ-PC-ID

Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

MT-LV-CT-WW-R7-1P-LV-0-200A.4-20MA-60HZ-PC-ID Current Sensor

Unit Type: Current Sensor, Window Type, Loop-Powered

Made in the USA

Input Current Range: 0-200A

Output Signal: 4-20mA (Loop-Powered, 24Vdc)

Housing Material: Plastic Case

Features of Every Assembly

Loop-Powered, 2-Wire Output Circuit (24Vdc Supply)

Window/Bore-Type Design for Direct Conductor Pass-Through

Output Connections

Terminal X1: Loop Power, +24Vdc

Terminal X2: +Output / -, then COM (External Load Resistor in Output Loop)

Brass Stud Terminals, Top-Mounted

Ratings & Approvals

cULus Listed, Measuring Equipment

All grounding shall comply with applicable NEC and local electrical codes

Construction

Molded Plastic Case Housing

Window/Bore Opening for Conductor Pass-Through

Dimensions & Shipping

Overall Dimensions: 4 in W × 3 in D × 3 in H (estimated)

Approximate Weight: 2 lbs (estimated)

Shipping Dimensions: TBD

Shipping

Shipped on pallet or skid

Crated shipment available upon request

Final shipping configuration subject to approved design



Shipping Weight: TBD

Special Features

Loop-Powered 4-20mA Analog Output, Window-Type Conductor Pass-Through, Compact Plastic-Cased Housing

Special Orders – Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

Fax: 1-903-765-7664

E-mail: sales@larsonelectronics.com

Customer Compliance

Final arrangements, sizes, ratings, settings, configuration, and installation details will be finalized during detailed engineering review and customer approval prior to release for manufacture.

Larson Electronics manufactures a wide variety of custom power distribution systems. The pictures displayed for this unit are a general representation of form factor and may not accurately represent this exact configuration in every detail due to being custom builds. The specifics for this configuration are listed in the specification table and applicable drawings.

Made in the USA

The MT-LV-CT-WW-R7-1P-LV-0-200A.4-20MA-60HZ-PC-ID Current Sensor from Larson Electronics is a window-type, loop-powered current sensor designed to provide a continuous 4-20mA analog output signal for current monitoring, metering, and control applications.

****PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO POWER DISTRIBUTION PANELS, TRANSFORMERS, OR SUBSTATIONS****

This sensor is designed to sense current on a conductor passed through its window/bore opening and convert the sensed value into a proportional loop-powered analog output signal, allowing integration with standard monitoring, control, and metering systems without the need for a separate power supply at the sensor.

Output Connections

The unit is loop-powered through a two-wire output circuit, with dedicated terminals provided for loop power and output/common connections. Field wiring connects to stud-type terminals mounted on the housing.

Construction

The sensor is housed in a molded plastic case with a window/bore-type opening that allows the current-carrying conductor to pass directly through the unit. Its compact form factor is suited for panel-mounted or enclosure-mounted installation.

Special Features

The unit offers a loop-powered analog output, a window-type conductor pass-through design, and a compact plastic-cased housing suited for integration into existing monitoring and control panels.

Ratings & Approvals

This unit is cULus Listed as Measuring Equipment, and all grounding shall comply with applicable NEC and local electrical codes.

Customer Compliance

The final arrangements, sizes, ratings, settings, configuration, and installation details of this equipment will be established in accordance with detailed engineering review, applicable project documentation, and customer approval prior to manufacture.

Larson Electronics manufactures a wide variety of custom power distribution systems. The pictures displayed for this unit are a general representation of form factor and may not accurately represent this exact configuration in every detail due to being custom builds. The specifics for this configuration are listed in the specification table and applicable drawings.

Larson Electronics is a manufacturer and as such can build stationary and portable transformer systems to your specifications. Although we carry several models of power distribution transformer systems, we can deliver custom ordered units almost as quickly as our prebuilt units. If this model does not meet your needs, please contact us at 1-800-369-6671 or sales@larsonelectronics.com to discuss your specific requirements.



Frequently Asked Questions (FAQ)

There are no Faqs



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Links (Click on the below items to view):

- **HigResPic1**(<https://www.larsonelectronics.com/images/product/HigResPic1/342538.JPG>)
- **Video1**(<https://www.youtube.com/watch?v=4-JEyYeYcn8>)
- **ISO 9001 Certification**(<http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF>)
- **Business Certificate**(<https://www.larsonelectronics.com/images/pdfdocs/w9.PDF>)
- **Shipping Time Map**(<https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf>)