

Engineering Specification

Senva Analog Current Sensor C-1205 Series



1. The current sensor shall be loop powered.
2. The current sensor shall withstand currents of electrical loads from 0 – 50 AAC.
3. The current sensor shall output a 4 – 20 mA signal with a linear relationship from 0 AAC to the measured current range.
4. The current sensor shall have a 15 AAC measured current range.
5. The current sensor shall be accurate to +/- 2.0% of the reading over a temperature range of -15° to 60° C.
6. The current sensor shall be isolated to 600 VAC RMS (UL ratings).
7. The current sensor shall be a solid core type with an aperture to accommodate a 6 AWG (0.3") insulated conductor.
8. The current sensor shall have a mounting tab that allows it to be screw mountable.
9. The current sensor dimensions shall be 1.78" x 1.32" x 0.66" (L x W x H).
10. The sensor shall be UL 508/ CAN/CSA C22.2 No. 14-13. listed to meet the latest applicable safety standards.
11. The sensor shall meet CE and RoHS requirements.
12. The current sensor shall be an Analog model C-1205.
13. The sensor electronics shall have a 7-year warranty.
14. The sensor shall be manufactured in the USA.
15. The sensor shall be manufactured by Senva.
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