

## Honeywell Sensing and Control

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#### New Wireless Products

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**CSNE151-100**  
**Closed Loop**  
(Home : Products)



*Actual  
product  
appearance  
may vary.*

IN Series closed loop current sensor, measures ac, or impulse current, 25 amp-turns nominal, ±90 amp-rms range, 1000 turn

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### Product Specifications

|                       |                                                                                        |
|-----------------------|----------------------------------------------------------------------------------------|
| Product Type          | Closed Loop Linear                                                                     |
| Sensed Current Type   | ac or dc                                                                               |
| Sensed Current Range  | ±90 A                                                                                  |
| Package Type          | Series Connect PCB Mount                                                               |
| Output Type           | Current                                                                                |
| Continuous Current    | ±50 A                                                                                  |
| Operate Current       | 25 A RMS @ 25 °C                                                                       |
| Supply Current        | ±12 mA + Output                                                                        |
| Supply Voltage        | ±12.0 Vdc to ±15.0 Vdc                                                                 |
| Offset Current        | < ±0.15 mA                                                                             |
| Offset Current Drift  | < ±0.6 mA                                                                              |
| Coil Resistance       | 66 Ohm                                                                                 |
| Response Time         | < 0.2 µs                                                                               |
| Coil Turns            | 1000                                                                                   |
| Output Nominal        | 25 mA                                                                                  |
| Operating Temperature | -40 °C to 85 °C [-40 °F to 185 °F]                                                     |
| Storage Temperature   | -40 °C to 90 °C [-40 °F to 194 °F]                                                     |
| Measuring Resistance  | 54 Ohm min., 360 Ohm max.                                                              |
| Housing Material      | Glass-filled PBT (UL94-V0)                                                             |
| Mounting              | PCB on 11 Pins                                                                         |
| Pinout Style          | 4 Pin                                                                                  |
| Accuracy              | ±0.5 %                                                                                 |
| Availability          | Global                                                                                 |
| Comment               | Miniature 25 A sensor with four integral primary turns. (Accuracy guaranteed to 90 A.) |
| UNSPSC Code           | 411121                                                                                 |
| UNSPSC Commodity      | 411121 Transducers                                                                     |
| Series Name           | CSN                                                                                    |

### contacts

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- ▶ HONEYWELL RELEASES UNLIMITED POTENTIAL WITH NEW LIMITLESS™ WIRELESS SWITCHES
- ▶ HONEYWELL'S XYR6000 WIRELESS POSITION SENSOR ENABLES MONITORING IN HAZARDOUS AREAS AND REMOTE LOCATIONS

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