

## Honeywell Sensing and Control

Search

## narrow your search

## Products

- Controls Monitoring and Lighting (352)
- Machine Safety (1702)
- Sensors (6223)
- Switches (9750)
- Wireless (21)

## Technology

- Capacitive (26)
- Electromechanical (9301)
- Microstructure (1486)
- NTC Thermistors (147)
- Thick Film (1764)
- More...

## new products

## New Wireless Products

Go farther. Work smarter. Explore new possibilities. Just by cutting the cord and making the switch.



Wireless Web Site  
WGLA and WPMM  
XYR6000™

[find out more](#)

## white papers

- ▶ Wireless Switches Offer Unlimited Benefit
- ▶ Basic Switches Are Not Created Equal
- ▶ Applying Precision Switches
- ▶ Sensors for Medical Devices
- ▶ New Ways to Measure Torque
- ▶ Choosing Safety Switches
- ▶ Specifying Hour Meters

## Need help?

[Click here to contact us](#)


**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

[Sales & Service](#)
[Distributor Inventory](#)
[Overview](#) [Specs](#) [Documentation](#) [Application Notes](#)

## 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

- ▶ Customer Service
- ▶ Technical Support
- ▶ Global Sales & Service
- ▶ View Site Demo
- ▶ Site Comments?

## meet dr. larry

**VIDEO - Dr. Larry Goldstein** explains our newest and best technologies.



- ▶ Meet Dr. Larry

## my links

- ▶ Login to iCOM
- ▶ Login as Rep/AD
- ▶ Login as Guest
- ▶ Login to Digital University

## News Center

- ▶ HONEYWELL ANNOUNCES ADDITION TO RELIALIGN™ RESIDENTIAL DOOR INTERLOCK SWITCHES THAT FEATURE RUGGED, PLASTIC HOUSING
- ▶ HONEYWELL RELEASES UNLIMITED POTENTIAL WITH NEW LIMITLESS™ WIRELESS SWITCHES
- ▶ HONEYWELL'S XYR6000 WIRELESS POSITION SENSOR ENABLES MONITORING IN HAZARDOUS AREAS AND REMOTE LOCATIONS

**MICRO SWITCH**  
**Anniversary site**