

CSNS CURRENT SENSORS

Product Data Sheet

CSNS300M-500

closed-loop current sensor

FUNCTION closed-loop current sensor	FAMILY CSNS current sensors	ORIGIN United States	WEIGHT 0.10 kg
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Honewell FSC CSNS300M-500 is a closed-loop current sensor for the CSNS current sensors. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Rated Current	300 A
Sensing Range	±600 A
Measured Current	AC, DC and impulse
Output Signal	Current output
Secondary Turns	2000
Response Time	Less than 0.5 µs
Accuracy	±0.5%
Mounting Method	Panel mounting
Connector Style	Molex three-way
Operating Temperature	-40 to +85 °C

ADDITIONAL PRODUCT DATA

Supply Voltage

 ± 12 to ± 18 V DC

OFFICIAL APPLICATIONS

- Electric drive test benches: Current Measurement Systems
- Variable-speed drive cabinets: Closed Loop Sensors
- Battery power conversion racks: Power Current Systems

SYSTEM COMPATIBILITY

Match CSNS300M-500 to the installed CSNS current sensors, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Honeywell official manufacturer documentation](#)

<https://prod-edam.honeywell.com/content/dam/honeywell-edam/sps/siot/es-mx/products/sensors/current-sensors/common/documents/sps-siot-current-range-guide-005918-3-en-ciid-45710.pdf>

AMIKON PRODUCT SUPPORT

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