

HONEYWELL CSNK CURRENT SENSORS

Product Data Sheet

CSNK500M-600

closed-loop current sensor

FUNCTION closed-loop current sensor	FAMILY Honeywell CSNK current sensors	ORIGIN USA	WEIGHT 0.25 kg
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Honeywell CSNK500M-600 is a closed-loop current sensor for the Honeywell CSNK current sensors. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Rated Current	500 A
Sensing Current Range	±1200 A
Sensed Current Types	AC, DC and impulse
Output Signal	Current output
Secondary Coil Turns	5000 turns with 50 Ω coil
Response Time	Less than 1 μs
Accuracy	±0.5%
Mounting Method	Panel mounting
Connector Style	Molex three-way
Operating Temperature	-40°C to +85°C

ADDITIONAL PRODUCT DATA

Supply Voltage

 ± 15 to ± 18 V DC

OFFICIAL APPLICATIONS

- Actuator and ground-support power benches: Current Measurement Systems
- Conveyor and charger drive cabinets: Drive Current Systems
- Robotic welding and servo cells: Closed Loop Sensors

SYSTEM COMPATIBILITY

Match CSNK500M-600 to the installed Honeywell CSNK 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://automation.honeywell.com/us/en/products/sensing-solutions/sensors/electrification-sensors/current-sensors/csnk-series-closed-loop-current-sensor>

AMIKON PRODUCT SUPPORT

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