



DC Current Sensor



DATA SHEET

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Environmental Monitoring

Webb environmental monitoring products permit you to actively monitor the conditions in BTS stations, warehouses, datacenters, colleges /educational institutes, hospitals, offices, restaurants, farmsteads, factories, museums or wherever it is essential to have a climate controlled environment. Upholding a constant & steady environment where equipment or products are housed is critical for operation, protection and usage in various industries. Conditions monitoring consist of temperature, humidity, power spikes and surges, liquid leakage, SNMP traps from other devices along with smoke & airflow.

Webb environmental monitoring equipment allows network machinists to detect conditions from a secure web interface and obtain SNMP, E-mails, and text message or siren/alert warnings when environmental sensors detect a breach in the preset thresholds. These products can also make you cognizant of the potential damages from critical failures. The Web interface can demonstrate live video surveillance and environmental magnitudes, which are logged to track patterns.

Voltage / Current Meters

T.10.HOS-100Q1 / DC current sensor

This 100A Hall current sensor is used for measurement of DC current. The system interface allows to assign sensor and to introduce the function data conversion. A Webb DC current converter can be used together with this unit to convert data into format of Webb remote monitoring system.

Product Specifications

- 100A Hall current sensor is applied for measurement of DC current. The system interface permits to allocate transducer and to introduce the function data conversion. VT406 DC current converter can be used together with HOS-100Q1 to convert data into format of Webb remote monitoring system
- Maximum distance from the unit is 50 meters

**Specifications are subject to change without notice based on technical recommendations and related product enhancements*



Technical Specifications

Dimensions	60 × 61 × 16 mm
Weight	150 g
Inputs	0-100A AC
Operating characteristics	Temperature: minimum. -10° C - maximum.80° C, humidity: minimum. 5% - maximum. 95% (non-condensing)
Power input	+/- 12-15V
Outputs	0-4V DC
Mounting	Wall mount
Power consumption	1 watt
HS code	9030 33 100
Package inclusion	Sensor, terminal plug 4 pins 3.81mm 1pc
Special features	Frequency: 0-20 kHz, isolation: 5kV, nominal AC current: 100A, measured range: 0 - 150 A, Structure: Open / Closed, Accuracy: 1%, Output: -4 ... +4 V, 4 wire, Window: ø21 mm, Response time: < 1µs

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