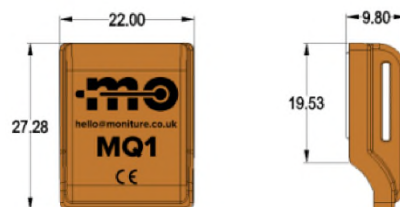


# Wireless Sensor

## MQ1



## Wireless · Online · Battery Free

Moniture provides low cost, real-time temperature monitoring for a variety of electrical devices, including cables, connections, fuses, busbars and more.

Receive customisable early warning alerts via email, beacon or distributed control system, notifying you before a fault occurs.

The MQ1 is a contact battery free temperature sensor that connects to an AC electrical component to be online monitored. Supplied alloy strapping is looped through the sensor and around the monitored component to create an inductive current to power the sensor.

Dimensions	27 x 22 x 10mm
Working Environment	-40 ~ 85°C , ≤95%RH
Environmental sealing	IP68
Flame Retardant Grade	V0
Operating frequency	433Mhz
Operating Power	5A-5000A
Transmission Power	10dbm
Transmission Distance	Up to 150m line of site
Temperature measurement type	Contact, Thermistor
Temperature measurement range	-45°C ~ +125°C
Measurement Accuracy	±1.0°C
Measurement Interval	20~100 seconds, higher temps and sudden changes decreases interval