

# mCM001

## AC CURRENT SENSOR



- 2m (6') of durable UL 2517 TPE cable with UV protection
- Potted construction for mounting in harsh environments
- Measures AC amps from 0 – 5A with 0.01A resolution
- Update rate of 0.2 seconds
- LED indicator for power on/communications
- No calibration is required

### Product Description

The mCM001 is an application specific AC current sensor. The sensor is packaged in a potted plastic case and is fully calibrated. The unit monitors current from 0 – 5A AC. The circuit to be monitored is passed through the attached current sensing coil.

The device connects to the Single-Wire communications bus using the attached 2m (6') cable and RJ-11 connector. Power is derived from the single-wire bus, external power is not required.

### Typical Applications

Monitoring of motor operating current, cooling fan current, etc.

# mCM001 AC CURRENT SENSOR

Specifications	Description	Characteristic
IS Sensor Bus	Voltage	5 VDC
	Current	3.0 mA maximum
	Communications	Single-Wire Bus
AC Amps	Resolution	0.01A
	Accuracy	±1%
Environment	Recommended Operating Range	-40°F to +158°F (-40°C to +70°C)
	Relative Humidity	0 to 100% non condensing
Dimensions	Length	2.9" (74mm)
	Width	1.3" (33mm)
	Depth	1.15" (30mm)