

AmbiMate SENSOR MODULE

MS4 Series

TE Connectivity (TE)'s AmbiMate sensor module MS4 series provides an application specific set of sensors on a ready to attach PCB assembly for easy integration into a host product. Design resources are freed and time to market accelerated by integrating the MS4 series pre-engineered, four core sensor solution for Motion / Light / Temperature / Humidity into your next product.

Other MS4 series sensor modules include VOC (Volatile Organic Compound), eCO₂ (equivalent carbon dioxide) and sound detection. Add the capability to monitor air quality through the capture of VOC concentrations. Select an MS4 series with a microphone to augment motion detection or to listen for sound events.

All MS4 series sensor modules are designed to be mounted in a seven position connector. This design allows for a wide range of PCB footprint accommodations in all the selected sensor configurations at production.



**This product is obsolete.
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sensor products [click here](#)**

Applications

- Indoor Lighting
- Building Automation
- Connected Home
- Air Quality
- Energy Management
- Work Space Comfort
- Zonal Environmental Controls

Four Core Sense Capability

- Motion (PIR)
- Light
- Temperature
- Humidity

Optional Sense Capability

- VOC
- eCO₂
- Sound (microphone)

Specifications

- Application Specification: [114-133-92/114-03115](#)
- Design Objectives / Specification: [114-133-92](#)

Benefits

- Design resources are freed and time to market is accelerated
- Compact, modular IFC communication protocol
- Event out pin for real time motion detection
- Space saving compact design
- Multiple attach methods to accommodate your application need
- One footprint allows multiple sensor configurations & flexibility in design

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