

ECOSYSTEM designs some of the worlds most effective energy efficiency solutions. The CLIME G2 Wired Temperature Sensor is the temperature monitoring component of our HVAC and Lighting energy management system. It is a rugged device designed for commercial retrofit and new construction applications where easy installation and low maintenance are critical. The CLIME G2 is ideal for hospitality, mixed use and residential applications.

The CLIME G2 Wired Temperature Sensor is available in two versions. The external version allows the AUTO G1 or G2 Control Panel to be mounted inside an electrical closet or NEMA junction box where it could not otherwise accurately sense room temperature and provides minimal aesthetic impact on the room. The internal version is installed directly inside the AUTO Control Panel when it is necessary to mount on the room wall surface. Engineering, design and architectural submittals can easily be written around the following technical specifications and features.



CONTACT



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SOLUTIONS

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TECHNICAL FEATURES

| | |
|---------------------------------|--|
| Input Type 1 | Microchip Active Thermistor IC |
| Output Type 1 | 4P Telephone Cable (external type) |
| Output Type 2 | 4P Serial Data Cable (internal type) |
| Output Connector (Type 1) | 4P Telephone Jack |
| Form 1 | External type - SMD PCB w/ telephone connector enclosed in ABS Plastic housing |
| Form 2 | Internal type - SMD PCB only w/ Serial type connector |
| Type 1 Mounting | Includes base and cover |
| Type 2 Mounting | Direct to AUTO G1/G2 main body enclosure |



TECHNICAL SPECIFICATIONS

| | |
|--------------------------------|--------------------------|
| Power Supply | 5VDC regulated at 3.3VDC |
| Current Draw (Operating) | 216µA |
| Accuracy | <2°C |
| Dimensions (L xWxH) | 75mm x 40mm x 31mm |
| Compliance | CE |
| Product Warranty | 3 Years |

ECOSYSTEM

PORTAL G1 Wireless Door Sensor

ECOSYSTEM designs some of the worlds most effective energy efficiency solutions. The PORTAL G1 Wireless Door Sensor is the occupant entry/exit and balcony door monitoring component of our HVAC and Lighting energy management system. It is a rugged device designed for commercial retrofit applications where easy installation and low maintenance are critical. The PORTAL G1 is ideal for hospitality, mixed use and residential applications.

The PORTAL G1 Wireless Door Sensor uses the latest SMD circuit design to ensure maximum performance in the minimum package. It is fully featured allowing for both on-doorframe and remote installation configurations and has been designed to isolate interference from metal surface mounting. It is compatible with all ECOSYSTEM AUTO G1 Wireless Control Panels. Engineering, design and architectural submittals can easily be written around the following technical specifications and features.



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TECHNICAL FEATURES

| | |
|----------------------|-------------------------------------|
| Input Type 1 | Inbuilt Gas Reed Switch |
| Input Type 2 | Enclosed Magnetic Reed Switch |
| External Input | Connector Screw type Terminal Block |
| Programming | On-board tactile button |
| Mounting | Includes base and cover |
| Battery Life | 2-4 Years |



TECHNICAL SPECIFICATIONS

| | |
|-----------------------------------|-----------------------------------|
| Power Supply | 3V CR123A Primary Lithium Battery |
| Current Draw (Standby) | 19.35µA |
| Current Draw (Transmitting) | 8.0mA |
| Peak Emissions | 3.0µW |
| RF Transmitter 3 | 15MHz or 434MHz |
| RF Range | 5~40 Meters |
| Dimensions (L xWxH) | 75mm x 40mm x 31mm |
| Compliance | FCC and CE |
| Product Warranty | 3 Years |