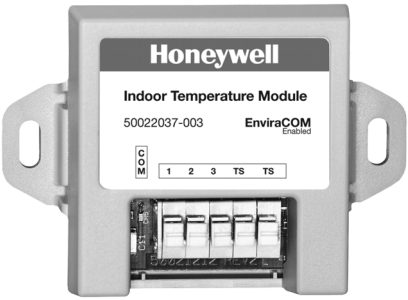
Honeywell

W8735S1016
Indoor Temperature Module

INSTALLATION INSTRUCTIONS



APPLICATION

The W8735S1016 EnviraCOM™ enabled Indoor Temperature Module, when connected to the W8735G Gateway reports the ambient temperature at the location the temperature sensor is installed, enabling the Gateway to monitor ambient temperature and alert if conditions go outside the allowed parameters. The Indoor Temperature Module detects sensor health issues and alerts if there is a problem.

SPECIFICATIONS

Electrical Ratings: Voltage: 24 Vac, 60 Hz supplied through the EnviraCOM bus.

Environmental Ratings:
Temperature: -30° F to +150° F (-34° C to +66° C).
Humidity: 0 to 95% relative humidity, non-condensing.

Accessories (Can be ordered separately):
C7089U1006 Temperature Sensor

FEATURES

- **Works with EnviraLINK™ gateways to report ambient temperature.**
- **Works with EnviraLINK™ gateways to report high and low temperature alarms.**
- **Easy push wire terminals that provide a secure lock with no need to screw in wires.**
- **Simple low-voltage, 5-wire installation (3 EnviraCOM™, 2 temperature sensor)**
- **EnviraCOM™ Enabled**

INSTALLATION

When Installing this Product...

1. Read these instructions carefully. Failure to follow them could damage the product or cause a hazardous condition.
2. Check the ratings given in the instructions and on the product to make sure the product is suitable for your application.
3. The installer must be a trained, experienced service technician.
4. After installation is complete, check out product operation as provided in these instructions.

⚠ CAUTION

Can cause electrical shock and equipment damage.
Disconnect power supply before connecting wiring.

5. The Indoor Temperature Module can be wall mounted in any orientation desired or dictated by the surroundings.
6. The holes are sized for the #6 sheet metal screws (included).
7. Precise leveling of the product is not required.

WIRING

⚠ CAUTION

Electrical Interference (Noise) Hazard.
Can cause erratic system operation.
Keep wiring at least one foot away from large inductive loads such as motors, line starters, lighting ballasts and large power distribution panels.
Use shielded cable to reduce interference when rerouting is not possible.

1. Mount the module with the supplied hardware.
2. Wire the 1,2, and 3 terminals on the Indoor Temperature Module to the 1,2, and 3 terminals on the EnviraCOM™ enabled EnviraLINK™ Gateway, Oil Primary, or Aquastat®, or anywhere on the EnviraCOM™ bus where access is available and convenient. See Fig. 1.
3. Connect the 2 wires from the C7089U temperature sensor (See Fig. 1) into the TS terminals on the Indoor Temperature Module. One wire inserted into one TS terminal, the other wire inserted into the other. See C7089U Installation Instructions (Form Number 69-1709EFS) for additional sensor installation instructions and specifications.

NOTE: When installing the C7089U temperature sensor for an indoor temperature monitoring application along with the Indoor Temperature Module, make sure the sensor is mounted inside the home or building and not outside as specified in the C7089 Installation Instructions, Form #69-1709.

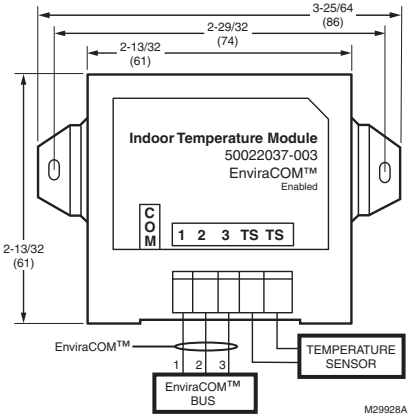


Fig. 1. W8735S1016 Indoor Temperature Module wiring diagram.

OPERATION

General

The W8735S1016 Indoor Temperature Module is a device which, when connected to a W8735G Gateway via the EnviraCOM™ communication bus, enhances the available features and alerts these systems can generate by providing indoor temperature information and alerts.

SYSTEM CHECKOUT

With the W8735S1016 Indoor Temperature Module connected to a web-based application such as EnviraLINK™, verify the temperature readout is shown where appropriate on the application once the gateway has had an opportunity to report to the server. See EnviraLINK™ User Manual.

TROUBLESHOOTING

Trouble	Resolution
No communication between Indoor Temperature Module and W8735 Gateway	Check 1, 2, 3 wires for proper termination at module as well as at the Gateway or wherever terminated.
Indoor Temperature sensor failure.	Check sensor leads for loose connections, cracked sensor lead insulation or damaged or shorted sensor.

Automation and Control Solutions
Honeywell International Inc.
1985 Douglas Drive North
Golden Valley, MN 55422
customer.honeywell.com

Honeywell

69-2423—05 M.S. Rev. 05-13
Printed in United States