CZ-15 Temperature RH Sensor
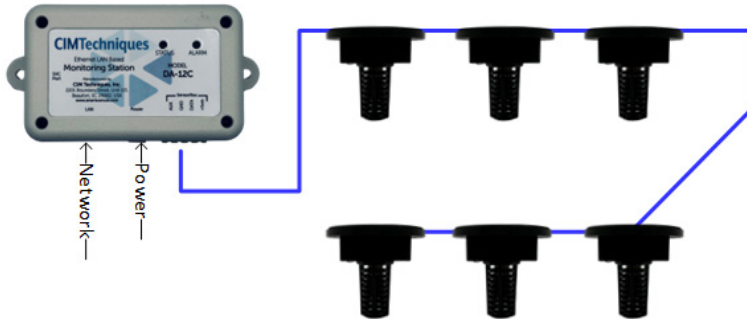

The CZ-15 is a ceiling mounted temperature and relative humidity sensor. The sensor has a temperature range of -40° to +125°C with a standard calibrated range of -30°C to +50°C and a relative humidity range of 20% to 80%.

The CZ-15 communicates with the CIMTechniques DA-12C node using SensorBus comunicaiton protocol to transfer the measured temperature and RH data to our SmartScan Monitoring software.

Sample and Update Rates are set by the SmartScan Server.

Specifications

Parameter	Value
Temperature Range	-40° to +125° ± 0.5°C
RH Range	20% to 80%
Nodes	DA-12C
Input Power	5 VDC 0.6A
Calibration	EZ-Cal Program
Protocol	SensorBus
Max Distance	200'
Max Devices	8
Mount	Ceiling
Physical Size	3" Diameter / 3" Max Ht
Enclosure	Flame Retardant ABS
Weight	<5 oz (170 gm)

Contact us for more information
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Scalable Environmental Monitoring

| Temperature | Humidity | Carbon Dioxide | Particles | Air Flow |

Solutions

Temperature
- Min -200 °C to Max +260 °C

Humidity
- Min 10% RH to Max 90% RH

Differential Pressure
- Min ±25 Pa (±0.1" of H20)
- Max ±500 Pa (±2.0" of H20)

Third Party Devices
- Particle Counters
- Flow Sensors

Infrastructure
- Stabilization Devices
- Door Ajar Detection
- Water Detection

Data Collection Protocols

Sensors & Probes
- Modbus / Sensorbus
- Bluetooth

Gateways
- TCP/IP

Certifications

Calibration
- 17025 / NIST

Manufacturing
- ISO 9001

Monitoring

Measurements from Remote Sensors

SQL Database

Web Services
Station Monitoring
Alert Services
To External Systems

Alerts

Abnormal Condition Detected

Generate Reports
PDF
Word
Excel Docs

SMARTScan™
Advanced Monitoring Solutions

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