



The Liebert SN product line offers a wide range of sensors for temperature, humidity and other readings. Liebert SN sensors are designed to assist in monitoring conditions within a rack and can be placed in any area to read temperature and humidity levels, and digital inputs.

Sensor wiring connects to the Liebert RPC card, which enables monitoring through Liebert MPX or MPH rack PDU models.

There are two types of Liebert SN sensors:

Integrated sensors are attached to a single cable and are available in these versions: one temperature probe; three temperature probes; and three temperature probes plus one humidity probe. These sensors may be placed in any area, including within a rack, to monitor temperature and humidity levels.

Modular sensors are separate probes, each shipped with a 6.6 ft. (2m) cable for connection to a Liebert monitoring product. There are specific configurations to monitor digital inputs or temperature (1 probe each), or both temperature and humidity (2 probes). These sensors may be placed in any area within a rack to monitor temperature and humidity levels, and digital inputs such as a door switch, or smoke or water detectors.

Compatible Liebert Products

Liebert SN integrated sensors are compatible with Liebert MPX and Liebert MPH Rack PDUs:

- **Liebert MPX™** – an Adaptive Rack PDU (power distribution unit) built with modular and scalable components that can be installed and reconfigured on-site to meet varying input and output power connectivity needs. The Liebert RPC™ (Rack PDU Card) is an optional accessory for the Liebert MPX, but is required for connecting the Liebert SN.
- **Liebert MPH™** – a single unit with fixed capacity, input and output. The Liebert RPC is factory installed in the Liebert MPH.

Flexibility

- Auto-configuration – no set-up required
- May be connected in a string, which may include a combination of modular and integrated sensors.
- May be tool-less mounted on a Knurr rack frame, or may be mounted on a rack door, rack rail, or on flat surfaces within the rack.

Availability

- Connection to Liebert RPC allows monitoring through RPC-BDM Local Display Module, Secure Web/SNMP interface, or through Liebert Nform or Liebert SiteScan centralized monitoring software.

Lowest Total Cost of Ownership

- Integration with existing monitoring systems, and auto-configuration features, save time and money in installation and operation.



Integrated Sensors



Modular Sensors

Specifications – Integrated Sensors

Dimensions - W x D x H, in. (mm)	2 x 3/4 x 1-5/8 (51 x 19 x 41)
Weight, lb. (kg)	
Net Weight	0.25 (0.11)
Shipping Weight	0.44 (0.2)
Temperature (all models), °F (°C)	
Ambient Operating Environment	41 to 131 (5 to 55)
Temperature Sensor Range	41 to 131 (5 to 55)
Accuracy	±1.1 (±0.5)
Humidity (SN-Z03 models)	
Humidity	10 to 95% RH (non-condensing)
Accuracy	±3.5% RH
Altitude, ft. (m)	Up to 6,500 (2000)

Specifications – Modular Sensors

Dimensions - W x D x H, in. (mm)	2 x 3/4 x 1-5/8 (51 x 19 x 41)
Weight, lb. (kg)	
Net Weight	0.25 (0.11)
Shipping Weight	0.44 (0.2)
Temperature (SN-T and SN-TH models), °F (°C)	
Ambient Operating Environment	41 to 131 (5 to 55)
Temperature Sensor Range	41 to 131 (5 to 55)
Accuracy	±1.1 (±0.5)
Humidity (SN-TH models)	
Humidity	10 to 95% RH (non-condensing)
Accuracy	±3.5% RH
Altitude, ft. (m)	Up to 6,500 (2000)
Dry Contact Supports (SN-3C models)	Non-powered contact rated for minimum of 5V, 1mA

- Up to ten Liebert SN Sensor “probes” may be connected to an RPC-1000 — Integrated and Modular sensors may be used in combination. The number of probes varies by sensor type. The maximum string length is 65.6 ft. (20m).



Liebert RPC Rack PDU Card

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