

Knürr RMS Compact II®

The Security System For Network And Server Racks



Knürr RMS Compact II®

Damage Prevention With Checks And Controls

System and network management requirements mean the systems' ambient conditions must be monitored. Reliability and system availability are indispensable.

Compliance with the required ambient parameters is extremely important for the fault-free operation of high-grade components.

Inadmissible fluctuations in temperature or air humidity often cause hardware defects. Constant automatic monitoring of these parameters is therefore a basic requirement for ensuring properly functioning operability.

With the rack monitoring systems offered by Knürr, this information

can be recorded and forwarded directly to a higher-level management system.

This recording is not, however, sufficient to ward off damages. For short response times when faults occur, it is helpful if the monitoring system can perform actions automatically (e.g. activate additional fans).

When defined incidents occur, Knürr RMS Compact II® can immediately send a message as an "SNMP trap" to the management system or directly as an e-mail to a technician or an SMS gateway.

Rapid error finding and removal is valuable! The ability to connect additional sensors to monitoring systems not only allows racks to be monitored – so too can complete rooms or building sections. All important environmental parameters of a system can consequently be recorded and evaluated in an easy and straightforward way.



The advantages of Knürr's modern rack monitoring system:

- Guarantees fault-free operation
- Detects disturbances early
- Logs incidents
- Makes service assignments easier with automatic monitoring
- Activates countermeasures in the event of a fault
- Central control of consumables (filters, paper, toner, meter readings, inspection intervals, etc.)
- Connection of up to 12 sensors in any arrangement



- **fan speed sensor**
 - the RMS automatically recognizes this sensor as an analog sensor
 - offset and alarm parameters can be set in RMS
 - the sensor does not have to be recalibrated
 - no additional power supply required



- **temperature sensor ECO**
 - insensitive to disturbances
 - no additional power supply required
 - the sensor does not have to be recalibrated



- **humidity sensor**
 - insensitive to disturbances
 - no additional power supply required
 - the sensor does not have to be recalibrated



- **smoke detectors**
 - optical smoke detector with VdS approval
 - for early fire detection with smoke emission
 - power supply provided via RMS Compact II®



- **door contact sensor**
 - magnet bridge sensor, works on every magnetic conductive material
 - can also be used for monitoring side panels and roof

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Emerson Network Power provides innovative solutions and expertise in areas such as AC and DC power supply, precision cooling systems, embedded computer and power supply systems, integrated racks and enclosures, network circuits and controls, monitoring and connectivity. All solutions are supported locally all over the world by Emerson Network Power customer service technicians. You will find more information on Emerson Network Power's products and support services at

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