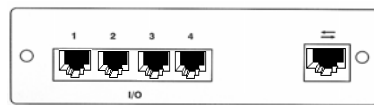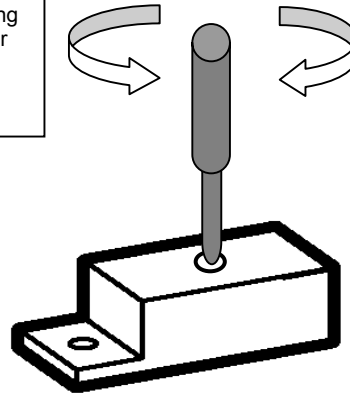# Acoustic sensor

DK 7320.640

Note:

For reasons of clarity, this manual does not contain every piece of detailed information, and cannot take into consideration every conceivable form of installation, operation or maintenance. We reserve the right to make technical changes at any time. In case of doubt, the German text shall apply.

Sensor unit
I/O Unit 7320.210

Sensitivity is reduced by turning the potentiometer in a counter-clockwise direction.

Sensitivity is increased by turning the potentiometer in a clockwise direction.

Description:

The sensors may be connected to the I/O Unit 7320.210 (max. 4x). The sensor takes on the function of a vandalism monitoring system. Alarms are generated by loud noises. The sensor contains an ID so that it is automatically detected and set up by the CMC-TC system. To operate the system, the following components are needed:
- Processing Unit II (7320.100) "software version 2.42 and later"
  with power pack (e.g. 7320.425), country-specific connection cable, and programming cable.
- Sensor unit (7320.210) "software version 1.3 and later", and connection cable (RJ45, Cat5).

Operating conditions:
- The sensor is to be used exclusively with the Rittal CMC-TC system.
- The operating instructions/safety information of Processing Unit II and/or the sensor unit specified above shall apply.
- The max. cable length between sensor unit and sensor amounts to 2 m. The connection cable supplied with the sensor is to be used for connection to the sensor unit. Extension cable 7200.450 may be used for special applications, following consultation with our main office.
- It is vital that the cables be laid separately from the mains cables.
- The sensors must be used exclusively within the stated range of environmental conditions.
- The sensor enclosures must not be opened. No components are included that need to be maintained.
- Before assembly, it must be ensured that the sensor is suitable for the device and/or socket.
- Safety devices must not be disabled.
- Direct contact by the sensor with water (e.g. by condensation), oil dirt or aggressive materials is forbidden.
- Operation in environments with flammable gases or steam is forbidden. Protection of the sensor from water and dust must be ensured by installing it in a cabinet or rack.
- The CMC-TC system must be free of voltage when the sensor is connected to the sensor unit.
- Extreme mechanical loads must be avoided.

Technical data:

Monitoring: Microphone
Frequency range 200 Hz – 10kHz
Noise level: 65 – 120 dB
Connection: RJ12 socket, 6-pole
Connection cable: length 2 m, RJ12 plug 6/6 double-sided
Operating ambient temperature: +5°C to +40°C
Operating ambient humidity: 10% to 90% relative humidity, non-condensing
Protection category: IP 30 in accordance with EN 60 529:

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