

## Environmental test methods for alarm and fire alarm systems (EN 50130-5)



**The EN 50130-5 European Standard specifies environmental test methods to be used for testing the system components of the following (fire) alarm systems, intended for use in and around buildings in residential, commercial, light industrial and industrial environments.**

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- access control systems, for security applications;
- alarm transmission systems;
- CCTV systems, for security applications;
- fire detection and fire alarm systems;
- hold-up alarm systems;
- intruder alarm systems;
- social alarm systems;

The EN 50130-5 European Standard specifies three equipment classes (fixed, movable & portable equipment) and four environmental classes.

The environmental classes only include the general service environments envisaged for equipment installed in typical residential, commercial and industrial environments. It may be necessary for the product standard to require additional or different environmental tests or severities where;

a) there could be specific environmental problems (e.g. some different severities may be required for break glass detectors stuck to glass windows, due to the local extremes of temperature and humidity),

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b) the test exposure falls within the intended detection phenomenon of the detector (e.g. during a vibration test on a seismic detector).

The EN 50131 and the EN 54 series refer to the EN 50130-5 standard. To prove that a component is compliant to the relevant EN 50131 or EN 54 standard the EN 50130-5 standard is also applicable.

Normally a certificate will be issued after the testing has been successfully completed. This certificate provides market access to the European market.

If you want more specific information for your organisation, please fill out the contact form on our website or contact us by phone or email. We will inform you about the information required in order to make a quotation according to your needs. After this we will set up a plan according to your needs and requirements.

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