

Press release

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Enhancing hold-open systems Convenient wireless operation

A hold-open system ensures fire protection doors are fully accessible. With the new FA GC 170 wireless extension for hold-open systems, GEZE demonstrates how achieved hold-open system can be expanded without additional cable connections. The system has already received two awards, and is in use in a listed building.

The unique extension solution makes GEZE hold-open systems even safer, more comfortable and more discreet. We understand how important visual criteria and easy installation are in addition to functionality, because we are in constant dialogue with our customers and partners to meet requirements in our inspiring product solutions. GEZE's wireless hold-open systems support the appearance of a room, thanks to their virtually invisible installation.

Extra cables are a thing of the past

The new GEZE FA GC 170 wireless extension replaces cable connections with wireless solutions. The system has the great advantage **of not needing any additional cables.**

The wireless extension components are easily connected to existing systems via a wireless module. FA GC 170 is therefore also a retro-fit solution that enables ceiling-mounted smoke detectors and manual trigger switches on GEZE hold-open

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systems to be connected wirelessly to the wireless module on the lintel-mounted detector.

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No structural changes necessary

Construction work such as the knocking-through of walls and ceilings is not necessary. That facilitates planning.

The installation of the wireless extension is the ideal solution

- **in listed buildings**
- **if structural changes are not desired, or are not at all viable.**

We offer a unique solution for hold-open systems with wireless components with

- **a general construction technique permit.**

That means

- **avoiding non-approved object-specific enhancement solutions**
- **no expensive and time-consuming approval processes**

Fast and simple connection – low maintenance

All components of the wireless extension are connected via a DIP switch. The wireless module at the heart of the wireless system enables wireless communication between the virtually invisible lintel-mounted smoke detector and various wireless devices (e.g. the wireless ceiling-mounted smoke detector or the wireless ceiling-mounted thermal detector and wireless module to the manual trigger switch).

Further advantages are:

- flexible system design: connect up to six wireless devices
- can be fitted to ceilings with special structural features
- optimised for all GEZE hold-open systems
- tested in accordance with the European DIN EN 5425 standard for fire alarm systems
- 5-year battery life = low maintenance



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The GEZE FA GC 170 wireless extension has already won two awards.

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	Category
German Design Award 2019	'Building & Elements'
ICONIC AWARDS: Innovative Architecture 2018	'Product'

Successful use in listed buildings

The GEZE fire protection solution, with its cable-free hold-open system, makes the listed building owned by the Dortmund business association more liveable for employees and visitors alike, and includes all the advantages for the operator as described in the reference report.

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