

COMPACT

ESSER

by Honeywell



Professional fire alarm panel  
for small and medium-sized objects

Compact



# ESSER by Honeywell: The experts for safety in buildings

With a comprehensive and future-oriented portfolio in the fields of fire alarm technology, voice alarm systems, and management systems, ESSER is the leading expert for safety in buildings.

Our products and services stand out not only by their solution-orientedness and by their innovativeness, but also in their competence, reliability, and safety.



Fire alarm technology



Voice alarm systems



Management systems

# The highest safety requirements

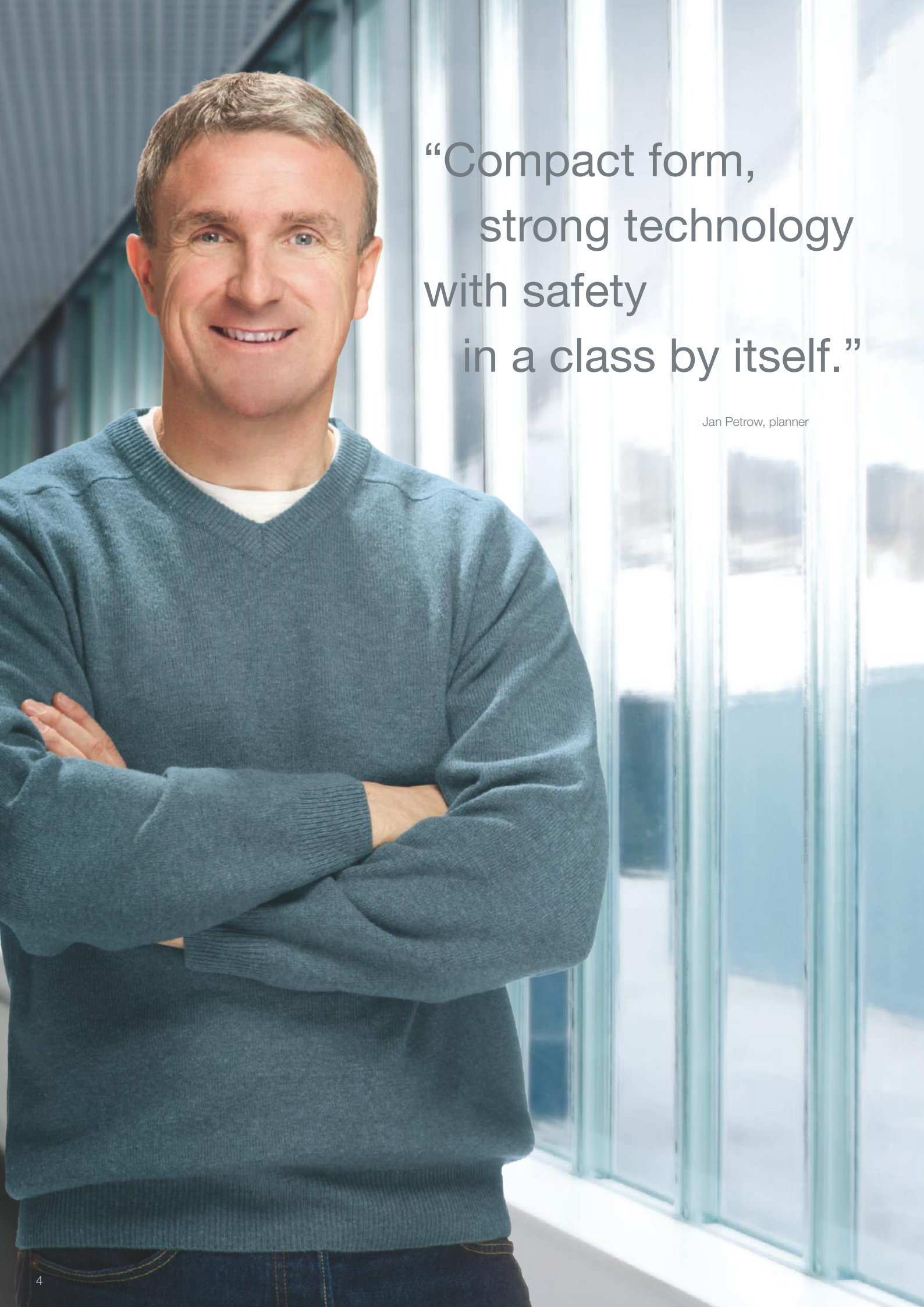
Every building is unique: in its use, its construction, and in its safety and fire protection requirements. In order to provide solutions for this ever-increasing variety, ESSER has combined the advantages of a complex fire alarm system with the practicability of a system for use in smaller objects.

## The result: ESSER Compact

Whether in kindergartens, nursing homes, or light industry production plants, the use of proven loop technology for addressable bus devices makes the Compact fire alarm panel perfect for small and medium-sized buildings with high demands in terms of failure safety. Compact stands for

the most comprehensive technology in the fields of fire detection, control, and warning, with a very attractive price-performance ratio.





“Compact form,  
strong technology  
with safety  
in a class by itself.”

Jan Petrow, planner

# The Compact Concept

Whether it is implemented as a stand-alone solution for public buildings or extended by special components such as the FAAST aspirating smoke detection, or used in production plants: the enormous range of applicability speaks for the technology of the Compact fire alarm panel.

With its integrated esserbus-Plus looped wiring, all sensor and alarm components of the IQ8Quad family can be used. This

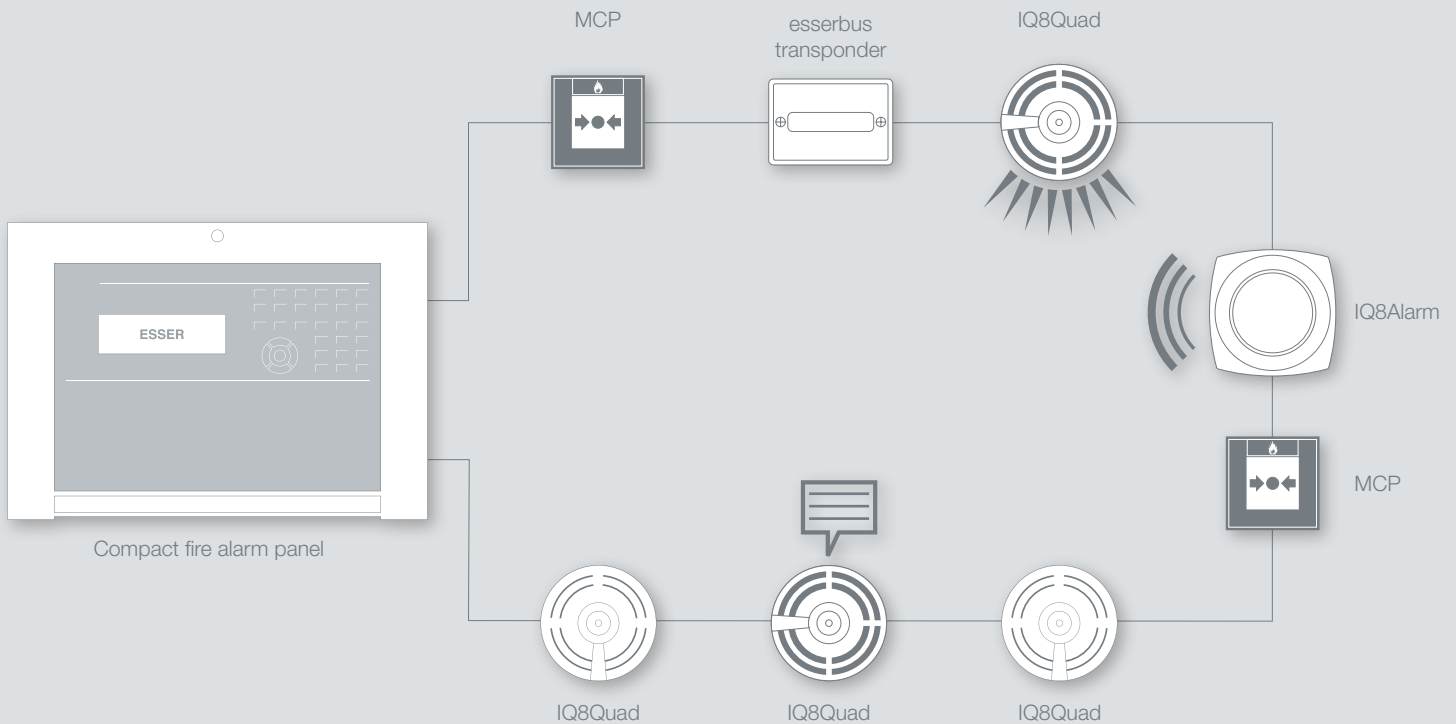
provides installers and technicians with a clear advantage, since they do not need to reacquaint themselves with the functionality of the peripherals, since warehousing costs can be minimized, and since availability can be guaranteed. The use of Compact therefore implies advantages in time and in costs for all parties involved.

## At a glance

- esserbus-Plus (loop powered devices) integrated
- Short circuit and failure tolerant loop operation with stub cable exits
- Operation of bus-supplied and synchronously controlled alarm devices (optic/acoustic/voice) in various fields of application
- Loop circuits of up to 3.5 km (2.2 miles)
- Up to 127 esserbus devices and alarm groups
- Optimized operation and maintenance
- Simple configuration and programming of the FACP (Fire Alarm Control Panel) functions via a display
- RS485 for connecting fire department display and control panels
- 72 hours can be bridged by emergency power supply (depending on implementation)
- Integrated individual alarm group display
- Operation of ATEX alarm systems with individual addresses for use in hazardous areas
- Interfaces to the transmission unit for fire and failure alarms
- "Extinguish" standard interface for fire event control

# Cutting-edge technology

## esserbus-Plus loop circuit



Don't be fooled by the compact dimensions! Compact's cutting-edge technology and the resulting performance raise the bar in early fire detection, with no need for additional components. Compact is micro-processor driven, and features short circuit and failure tolerant loop circuit technology for intelligent individually addressable bus devices. With the integrated esserbus-Plus loop circuit, serving up to 127 bus devices, divisible into up to 127 alarm groups, we are ready for the future in terms of flexibility and expandability.

The loop bus devices include:

- intelligent, automatic fire alarm systems with and without integrated signal generators (voice, alarm sound, flashing signals),
- handheld warning device for manual fire alarm generation,
- addressable signal generator (with voice, alarm sound, and flashing signals),
- various transponders for control functions as well as for linking to special alarm devices for industrial applications

# Why you should opt for the Compact:

The highest level of flexibility and performance variety, combined with intuitive operation and a very attractive design. That's Compact.

The combination of cutting-edge tech-

nologies and the use of proven peripherals makes it the perfect solution for small and medium-sized buildings which require appropriate safety technology and the highest degree of quality.

## Highlights

- Large display and manageable operating panel
- The highest degree of planning safety due to the integrated esserbus-PLus-loop circuit
- Shortened installation and configuration times due to proven programming software tools 8000
- A high degree of flexibility in system construction, and free programmability
- A high degree of reliability due to bus-supplied alarm signals via multi-sensor fire detectors and alarm devices
- Broad pallet with a variety of bus devices:
  - IQ8Quad with/without alarm device
  - esserbus transponder input & output modules
  - handheld warning device
  - special warning devices
  - and much more

**Novar GmbH a Honeywell Company**

Dieselstraße 2

41469 Neuss

Tel.: +49 2131 40615-600

Fax: +49 2131 40615-606

Web: [www.esser-systems.com](http://www.esser-systems.com)

E-Mail: [info@esser-systems.com](mailto:info@esser-systems.com)

Art.-Nr. D800023

August 2014

Technical changes reserved

© 2014 Honeywell International Inc.



Watch the video.

**ESSER**  
by Honeywell