

ZETTLER

PROFILE Flexible Control Panels



Ready for the future

PROFILE Flexible – the next step in Fire Detection Solutions

Johnson Controls International Plc is a globally diversified technological and multi industrial leader serving a wide range of customers in more than 150 countries. Since the merge between Johnson Controls and Tyco Integrated Fire and Security, the new leader promises to create safe and intelligent buildings, efficient energy solutions and integrated infrastructure that work seamlessly together to deliver on the promise of smart buildings and industries.

Our powerful fire detection and alarm system, PROFILE Flexible, with MZX Technology at its heart, is just one of the many solutions we offer to help our customers win everywhere, every day. MZX Technology was originally designed for operation in the most hostile of environments, therefore the system is highly resilient to external factors such as electrical noise, including interference from electrical signals, from other devices and sources of false alarm.

With the introduction of a slot card mechanism, PROFILE Flexible panels can be tailored to the specific requirements of the application and the environment being protected. If a site changes or is developed, the system can be easily expanded to fulfill new requirements.

The panel has been specifically engineered to offer increased loop capacity and the option to share loops giving even more flexibility in the systems design and a reduction in installation costs.

The touchscreen user interface, with context sensitive help, has been ergonomically engineered so that every operation is made easy. The system combines ease of use with high performance, and through innovation, brings lifetime cost benefits to end users.

The PROFILE Flexible range offers integrated fire detection solutions for many applications including hotels, commercial offices, healthcare environments and industrial and manufacturing facilities.



1. Architecturally engineered, beautifully designed

With the modern 8.4" TFT colour touchscreen the PROFILE Flexible panel defines new ways of using a fire control panel. The fully customisable home screen allows the panel to adopt the end user's corporate identity. Its state-of-the-art design, different mounting options and sleek aesthetics make it easy to use and are attractive in public environments such as reception areas.



2. Advanced usability

A key user requirement of a fire panel is for it to be intuitive and easy to operate. The intelligent user guidance of the PROFILE Flexible panel offers a multilingual interface, an ergonomic icon display and touch sensitive status LEDs to provide event summary information in just one click.



3. Easy to install, configure and use

Backwards compatibility means existing fire panels with MZX Technology can be networked together with new PROFILE Flexible panels, eliminating the need to upgrade the entire system. 4,000 loop points per panel make it possible to build large single systems, while campus environments will profit from the possibility to position repeaters anywhere using IP cabling structures. PROFILE Flexible helps to reduce the cost of the ownership, thanks to the robust system design and the processing signal capabilities providing outstanding false alarm rejections.



4. Reduced lifetime cost

With the modern 8.4" TFT colour touchscreen the PROFILE Flexible panel defines new ways of using a fire control panel. The fully customisable home screen allows the panel to adopt the end user's corporate identity. Its state-of-the-art design, different mounting options and sleek aesthetics make it easy to use and attractive in public environments such as reception areas.



5. System design solution

PROFILE Flexible offers increased loop capacity and the option to share loops. Addressable loops can be connected as shared power (SP) loops or combined as high power (HP) loops, meaning practicalities, such as building layout, no longer dictate the useable size of the detection loop and there is less wasted loop capacity. The maximum power and range that a high power loop has can be alternatively distributed to form two shared power (SP) loops in a non-symmetric architecture. The slot card principles introduce a modular design, allowing the most economical system to be built, specifically tailored to the needs of the application.

The range – A scalable system which can grow to meet your requirements

The PROFILE Flexible range leaves nothing to be desired: the system provides freedom of choice in terms of loops, housings and slot cards to make it fit for every application.



Compact housing

Pro215S

The PROFILE Flexible Pro215S panel with 2 loops can support up to 250 addresses and is equipped with an integral 16 zone zonal display. The compact shallow housing is ideal where space is limited. It provides two batteries with up to 17 Ah.

PROFILE Flexible designer housing



Pro215D

The PROFILE Flexible Pro215D panel with 2 loops can support up to 250 addresses and is equipped with an integral 16 zone zonal display. The deep housings can accommodate more batteries. The designer housing makes it ideal for more complex systems where unobtrusive design and aesthetics are important.



Pro815D

The PROFILE Flexible Pro815D panel is expandable, by up to 8 loops, which can support up to 1,000 addresses and is equipped with an integral 16 zone zonal display. The deep housing can accommodate more batteries. This truly flexible system grows with business requirements from simple to more complex systems.



Pro885D

The PROFILE Flexible Pro885D panel with an 80 way zonal display is expandable, by up to 8 loops, which can support up to 1,000 addresses. The deep housings can accommodate two batteries with up to 38 Ah. Ideal for more complex systems which require additional zonal displays.



PXB800, PBB801 & PX-PR

The PROFILE Flexible range includes three matching expansion housings. The PXB800 is designed to house ancillaries whilst the PBB801 contains a robust 5.0 A dedicated power supply unit and has space for 38 AH batteries. Also available is the PXB800 that houses a dedicated thermal printer.

PROFILE Flexible XL housing



Pro16xD

The PROFILE Flexible Pro16xD is expandable from 4 to 16 loops and can support 2,000 addresses in total which makes it ideal for midsize facilities.



Pro32xD

The PROFILE Flexible Pro32xD is expandable from 4 to 32 loops and with the PxD expansion box it can support 4,000 addresses in total which makes it ideal for large and more complex facilities.



PxD extension box

Takes PROFILE Flexible Pro32xD to a maximum number of 32 shared power loops. The portfolio is completed with a Pro16xBB and a Pro32xBB model, both of which come without the touchscreen display.

Repeaters to match the surroundings



PR8AS

PROFILE 80 zone AC repeater will take into account local power supply requirements and provides a traditional panel style solution.



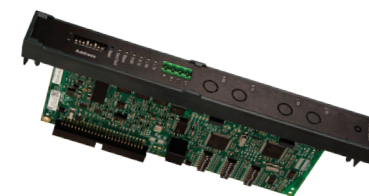
40 & 80 way zonal displays

PROFILE 40 way and 80 way zonal displays are used in conjunction with the PROFILE Flexible panels and can also be used with the compact DC repeater to provide additional zonal LEDs.



PR1DS

PROFILE compact DC repeater provides full control of the system in an architecturally attractive and discreet package with a number of mounting options.



The new modular design with slot card flexibility makes expansion easier than ever before

- PLX800 PROFILE Loop Expansion Card – shared loops
- PNI800 PROFILE Net Interface
- PCH800 PROFILE Charger Card



Flexible solutions for driving additional user interfaces

- POS800 PROFILE Fiber Optic Switch single mode
- POS800 PROFILE Fiber Optic Switch multi mode

The highlights

PROFILE Flexible panels are available with 4 to 32 loops and up to 99 panels can be networked together

1 Touchscreen guided user interface

Designed with the end user in mind, the PROFILE GUI is intuitive and easy to use. Through the use of icons and info-buttons it can deliver context sensitive help, on screen operator instructions and event summary information in just one click. The multilingual home screen is customizable, so it can match the end users corporate branding.

2 Keyless log-on using RFID tags

Identifies and logs user actions as well as making the panel easy to access in an emergency.

3 LED display

Can show which zone is in alarm at a first glance without having to access the panel, making it easier to identify the location of the hazard.

4 Slot card mechanism

Provides system flexibility and scalability, as well as offering the ability to future proof the system. Through the slot card mechanism the panels can be designed and tailored to end user requirements.

5 Mounting frame

PROFILE Flexible panels come with an easy-mount frame, intended to allow one person to install the panel. The frame and the cables can be fitted before the panel is mounted to the wall, resulting in stress-free and safer installation of the panels.

6 Increased loop capacity

With 1 Amp of power per loop, PROFILE Flexible can accommodate more devices per loop.

7 Larger housings

The PROFILE Flexible range introduces larger housings which allow a more complex system to be built and housed in one enclosure.

8 Battery box

With an external battery box the PROFILE Flexible system is easily expandable.

Shared loop availability

Addressable loops can be connected as shared power (SP) loops or combined as high power (HP) loops. The system designer can allocate all available power and 250 addresses to a single HP loop, or share resources across two SP loops. This level of loop power optimisation can significantly reduce total installed system cost.



The touchscreen user interface

End user corporate identity

The home screen of the PROFILE Flexible panel is well-structured and has an easy-to-read appearance. In addition, the home screen can be customised to adopt the end user's corporate identity.

Event log

The PROFILE Flexible panel provides an extensive 10,000 event log which can be selectively viewed or downloaded and then printed or analysed using dynamic filters. These effective event diagnostics help to quickly resolve site investigations.

Info-button

The info-button provides context sensitive help and on screen operator instructions. Designed to provide fast and reliable assistance even for infrequent users.

Site maps

Screen site maps allow easy access to information such as floors or detectors. These can be site configured so they carry the most up-to-date information. Having all this information available can save time in the event of a fire and help speed up responses during firefighting.

Detail device

Necessary information can be viewed in a clear and structured way. In the case of a system event, it helps to make the right decision quickly and efficiently.

Fast access

RFID cards give instant user control of the menus and also log the operator access. The scroll button allows active alarm events to be viewed without the need for passwords or keys.



Flexibility for everyone



Consultant engineer

The system can be optimised to the individual application needs right from the beginning of the system design phase. What is not required, can be skipped. Offering modularity and the possibility to optimise loop capacity, PROFILE Flexible makes high-end solutions possible at a reasonable price.



Architect

The ZETTLER PROFILE repeaters are aesthetically pleasing and can fit discreetly into any building without compromising their design. Fully approved, its increased reliability gives piece of mind.



System integrator

PROFILE Flexible allows systems to be tailored to the requirements of each application. Plus with increased loop capacity and the ability to share loop power, the system can be integrated within the buildings design.



Service technician

Thanks to the new mounting frame, installing a PROFILE Flexible panel is easy and can be done by one person. In addition, the 10,000 event log, which can be downloaded to USB, makes fault finding much more efficient.



Panel end users

The touchscreen user interface is really easy to use – clearly structured, big plain text and provides precise information at your fingertips. If you need help with any functions the info-button provides guidance in a second.



Facility manager

In a modern building, costs need to be predictable. PROFILE Flexible is backwards compatible meaning you can upgrade parts of the system without the need to replace it entirely. This gives great value and lower lifetime costs.

About Johnson Controls' Building Technologies & Solutions

Johnson Controls' Building Technologies & Solutions is making the world safer, smarter and more sustainable; one building at a time. Our technology portfolio integrates every aspect of a building, whether security systems, energy management, fire suppression or HVAC, to ensure that we exceed customer expectations at all times. We operate in more than 150 countries through our unmatched network of branches and distribution channels, helping building owners, operators, engineers and contractors enhance the full lifecycle of any facility. Our arsenal of brands includes some of the most trusted names in the industry, such as Tyco®, YORK®, Metasys®, Sabroe®, ZETTLER®, Frick®, TOTAL and Sensormatic®.

For more information, visit www.johnsoncontrols.com or follow us [@johnsoncontrols](https://twitter.com/johnsoncontrols) on Twitter.