10 Reasons for PROFILE Flexible

1. Expandable system

Grow your fire detection system as your business grows. PROFILE Flexible has a capacity of 4,000 addresses per panel and up to 99 panels per network, operating seamlessly together. The PROFILE Flexible system is capable of not only growing with your business but also can be adapted to meet your changing needs with the addition of slot cards and touch screen user interfaces.

2. Exceeds mandatory approval

PROFILE Flexible is approved beyond the mandatory levels. The system has EN54-13 approval, an independent test of the compatibility between system components, including detectors, ancillaries and panels. The network is also approved to EN54-2. These European standards provide peace of mind and confidence for both life safety and asset protection.

3. Lower installation cost through modular design

The new range of panels introduces modular design capabilities with the slot card principle. There are around 50 different options of design meaning millions of combinations are available; offering the opportunity to build the most economical design which is specifically tailored to the needs of the application. In addition, zonal displays can be added in easily.

4. Easy to access

Users have a choice of gaining access to the system, using traditional key, password or RFID tag. With RFID tag there is no need to remember passwords and unlocking the panel is effortless, important in an emergency situation. The identity and access level of users is controlled and recorded which is especially useful in high risk environments where it can be crucial to track who performed critical functions.

5. Forwards and backward compatible

PROFILE Flexible technology can be integrated with existing ZETTLER fire detection systems, reusing wiring, detectors and any other existing loop devices. Customers can upgrade from the traditional user interface to PROFILE's advanced color touchscreen GUI, greatly extending the service life of customer's present systems, whilst keeping costs to a minimum. The capabilities of the PROFILE Flexible panel can be extended as requirements change. Future system upgrades can be accommodated using the slot card mechanism.

6. Easy mounting options

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

7. Touchscreen graphical user interface (GUI)

The PROFILE Flexible touchscreen user interface has been ergonomically designed with end users in mind. The Info-Button provides context sensitive help and on-screen operator instructions.This guarantees fast and reliable assistance, especially for infrequent users. The fully customizable home screen allows the panel to adopt the end users' corporate identity.

8. Extended loop capacity

Practicalities such as the layout of a building or the number of alarm devices will often dictate the useable size of a detection loop and can result in unused capacity. In order to optimise loop capacity, PROFILE Flexible offers a system design solution with an extended current loop of 1amp. 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 high power loop, or share resources across two shared power loops. This level of optimisation can significantly reduce total installed system cost.

9. On screen site maps

The PROFILE Flexible GUI uses graphical site maps to show event locations. On screen site maps allow easy access to information including floor plans and extended device information, which can be configured to carry the latest information. Accessing this electronically via the panel GUI can save time in the event of a fire as location information is accessed easily.

10. Comprehensive data storage & diagnostics

The configuration software can easily be uploaded via a USB drive, which saves money and time during installation. Up to 10,000 events from the event memory can be downloaded to a USB stick and further processed in Excel. In addition detailed reports include those for walk test, system status and maintenance. They can then be printed and filtered, which allows in-depth event diagnosis.

Johnson Controls