

XLS 80e Intelligent Fire Alarm Control Panel

SPECIFICATION DATA



DESCRIPTION

The XLS80e Intelligent Fire Alarm Control Panel provides a cost-effective platform for a fire alarm system that is both flexible and expandable. The panel offers system designers and end users a technically sophisticated range of facilities and functions whilst maintaining ease of programming, installation, and operation.

The XLS80e control panel is fully compatible with the full range of Honeywell's TC800 Series analogue addressable devices. This makes the XLS80e the perfect solution for retrofit jobs as well as for new projects.

Each panel can support up to 8 analogue addressable loops and each loop can support up to 158 TC800 Series devices, 99 sensors and 99 modules. This gives the XLS80e panel a maximum capacity of 1584 points.

The XLS80e can also be networked with other XLS80e controllers and repeaters in either a "Peer-to-Peer" architecture or a master/slave network. Furthermore, if a graphic based PC front end (GUI) is required, the XLS80e panels can be connected to Honeywell's Enterprise Building Integrator (EBI).

In a "Peer-to-Peer" network each panel supervises its own detection system and is designed to function independently of all others in case of a communication failure.

In a master/slave network, panels use RS485 signalling in a daisy-chain arrangement to communicate with each other.

Full function repeater panels (XLS80/FR) complement the XLS80e product range.

FEATURES

- Certified to EN54 parts 2 and 4
- Drift compensation
- Automatic or Manual "Loop Learn" options
- "Walk Test" function by zone for efficient commissioning
- On screen "test" tally (tested/untested count) for devices in zone walk test
- Auto-program option
- Automatic time control functions by day of week for "Control-by-Event" (CBE)
- 128 Zone capacity per panel
- Full configuration edit capability from panel or PC

System

The XLS80e panel supports a combination of up to 99 Laser, thermal, optical, photo or multi-criteria sensors and a combination of 99 call points, monitor, control, conventional zone interface modules, sounders and isolators on each loop. The panel also has both a Fire and a Fault relay output, 2 sounder circuits and additional 2 Sounder/Volt-Free Circuits. 2 auxiliary power outputs are also available.

Depending on the arrangement of user specified zones, isolators may also be added to the system although they are not required at loop ends. It is recommended that a maximum of 25 devices between isolators (EN54 recommends a maximum of 32 devices).

The XLS80e controllers, peripheral devices and all the system field components e.g. sensors and modules are approved to meet with the requirements of EN54.

Honeywell Fire Xls80e Series Panel Configuration Manual

R Barnett



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