µ-FTM system test module

The µ-FEP system

The µ-FEP fire detection and extinguishant releasing system is specifically intended and developed for the activation of an electrical, modular extinguishing system in relation to the fire protection concept: fire detection & suppression at the source.

- **Versatile**
- **Compact**
- **Easy operation**
- **Easy programming**
- **Remote control panel**
- **Logical system structure**
- **Extinguishing at the source**
- **Input and output monitoring**
- **Redundant extinguishing output**
- **FCC, CE, ESD, EMC, BRL23003/2,**

The µ-FEP system consist of the following:

- µ-FEP Fire & Extinguishing Panel
- µ-ETB Extinguishers Terminal Box
- µ-FTM Extinguishing system Test Module.

The µ-FEP is intended as a stand-alone fire detection and extinguishing control system for use in engine compartments of vehicles, marine vessels, and NSA areas, but also for CNC machines, switch/distribution cabinets and/or spaces containing other electrical equipment. The µ-FEP fire detection and extinguishing system is small and compact and therefore suitable for locations whereby a standard fire detection and extinguishing panel would not be suitable.

The most important key properties of the µ-FTM test module:

Alarm simulation of:

- the four automatic fire detectors fire alarm zone 1
- the four automatic fire detectors fire alarm zone 2
- the external extinguishing release button zone
- the external extinguishing release delay button zone

Simulation of short circuit or cable malfunction monitoring in the:

- fire alarm zone 1
- fire alarm zone 2
- external extinguishing release button zone
- cabling of the external extinguishing release delay button zone
- external sounder/beacon combination
- wiring to the igniters of the aerosol extinguishing generators

Signaling of an activated potential output contact intended for:

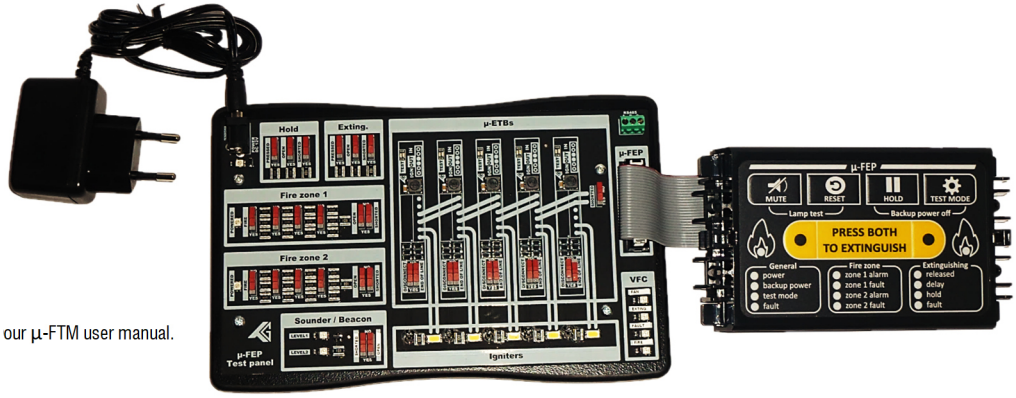
- switching off the ventilation/air conditioning
- fire alarm
- faults
- extinguishing release

Signaling of the 1st and 2nd stage alarm for the sounder/beacon combination

Simulation of an igniter malfunction or disconnection in one of the aerosol extinguisher units

K&G Groep has developed the µ-FTM, a test module specifically for testing the µ-FEP system. Just as the µ-FEP, the µ-FTM is easy to operate and is designed to test the system and/or the programming in a simple manner. By periodically maintaining, checking, and testing the µ-FEP system, the possibility of hidden errors, defects and/or incorrect programming is prevented. This is done by systematically checking the functionality of the µ-FEP and µ-ETB system. Partly to check whether the entered programming and the functions, alarms, controls and alerts function properly, but also to check the system in an easy and reliable manner for any system malfunctions that may be present.

The µ-FTM is supplied with a switch mode power supply of 100-240V~/12V- with a type C electrical plug. The µ-FTM can also be powered via the USB connection or emergency power supply of the µ-FEP itself.



Should you need any additional information, please download our µ-FTM user manual.

Our products are constantly being improved; specifications can change without notice.

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