



## FMZ 5000 Conventional detector module

*Cool down.  
Fire Protection by*

**MINIMAX**

### ► Product ► Application + Advantages

- The conventional detector module provides 4 lines for connecting detectors based on the current increase principle.
- 4 analysis limits can be freely configured for each line: 2 alarms, wire breakage, and short circuit.
- Each group can be configured individually, e.g. 2-detector dependency, group number, group text, alarm type and alarm delays.
- With the MxSysCon configuration software, all alarms of the various groups can be logically linked with other groups and detectors, and connected to controls on loops, control groups, relays, LEDs, etc.
- The module is inserted into the fire alarm panel without wiring. The lines can be connected directly to the module.
- Technical measures for preventing false alarms are integrated (TM operating mode).
- All Minimax industrial detectors for increased environmental conditions and all Minimax standard fire detectors for smoke and heat can be connected to each line in any combination. All requirements of every type of safety concept imaginable can easily be implemented.
- The alarm can be freely selected for each group. This makes it possible to use the module for various functions, e.g. fire alarms, function monitoring of system elements, and for manual controls, e.g. extinguishant shut-off or additional discharge.
- + For detectors with different line voltages, you can configure a different voltage – from 9 to 20 volts – for each line of a module.
- + Free configuration of the alarm and interruption limits, combined with high maximum currents, enable the use of detectors from a wide variety of manufacturers.
- + 2-detector and 2-group dependency can be programmed simultaneously for 8 explore time periods per day.
- + Freely definable alarms enable the use of the lines for any function.
- + SNAP AND GO! All you have to do is plug in the modules, with no wiring in the control panel, then connect the external devices.



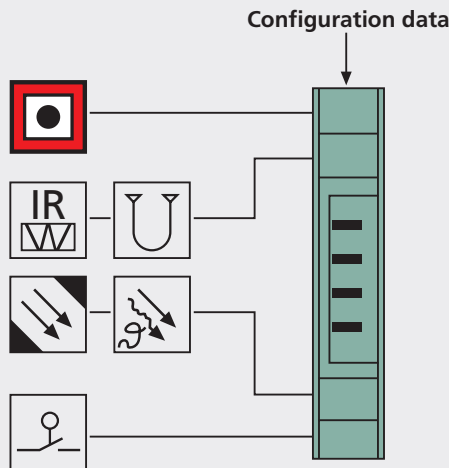
Detectors for industrial environments  
Standard fire detectors  
Special detectors

Manual alarms

Flame detectors  
Heat detectors

Smoke detectors  
Multi-sensor detectors

Monitoring of  
extinguishing systems



## Fire detection – monitoring

2-detector, multi-group dependency

4 alarm limits can be configured,  
line voltage 9 to 20 Vdc

- ▶ The conventional module has four independent detector lines. The voltage for each line can be set between 9 V and 20 V. Up to 32 detectors can be connected on each line directly via a plug-in terminal on the module housing. Standard and industrial detectors for each fire indicator can be connected in any sequence.
- ▶ The conventional modules can be connected to the FMZ 5000 control panel on a TS35 mounting rail (top hat rail) in any sequence. The connections to the power supply and the data

bus are established automatically by contacts on the bottom of the housing. No wiring is required within the fire alarm panel for the conventional module.

- ▶ The module is configured via a computer with the configuration program MxSysCon. The configuration data is downloaded to the fire alarm panel via serial download.

## Technical data

Operating voltage	24 Vdc rated voltage (19 V to 29 V)
Current consumption	5 mA, plus approx. 5 mA for each line used
Number of lines/detectors	4/32 in accordance with EN 54-2
Line voltage	Adjustable from 9 V to 20 Vdc
Alarm current (average)	15 mA
Operating temperature	-5 °C to +40 °C
Relative humidity	95%, without dew
Dimensions	99 x 17.5 x 114.5 mm (L x W x H)
Article number	901773

We reserve the right to make technical changes.

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