MG-400 series industrial type combined gas and fire alarm control panel

Advanced programmability and high performance make the panel widely applicable for both industrial and home use. MG-400 series panels offer high performance with use in automations

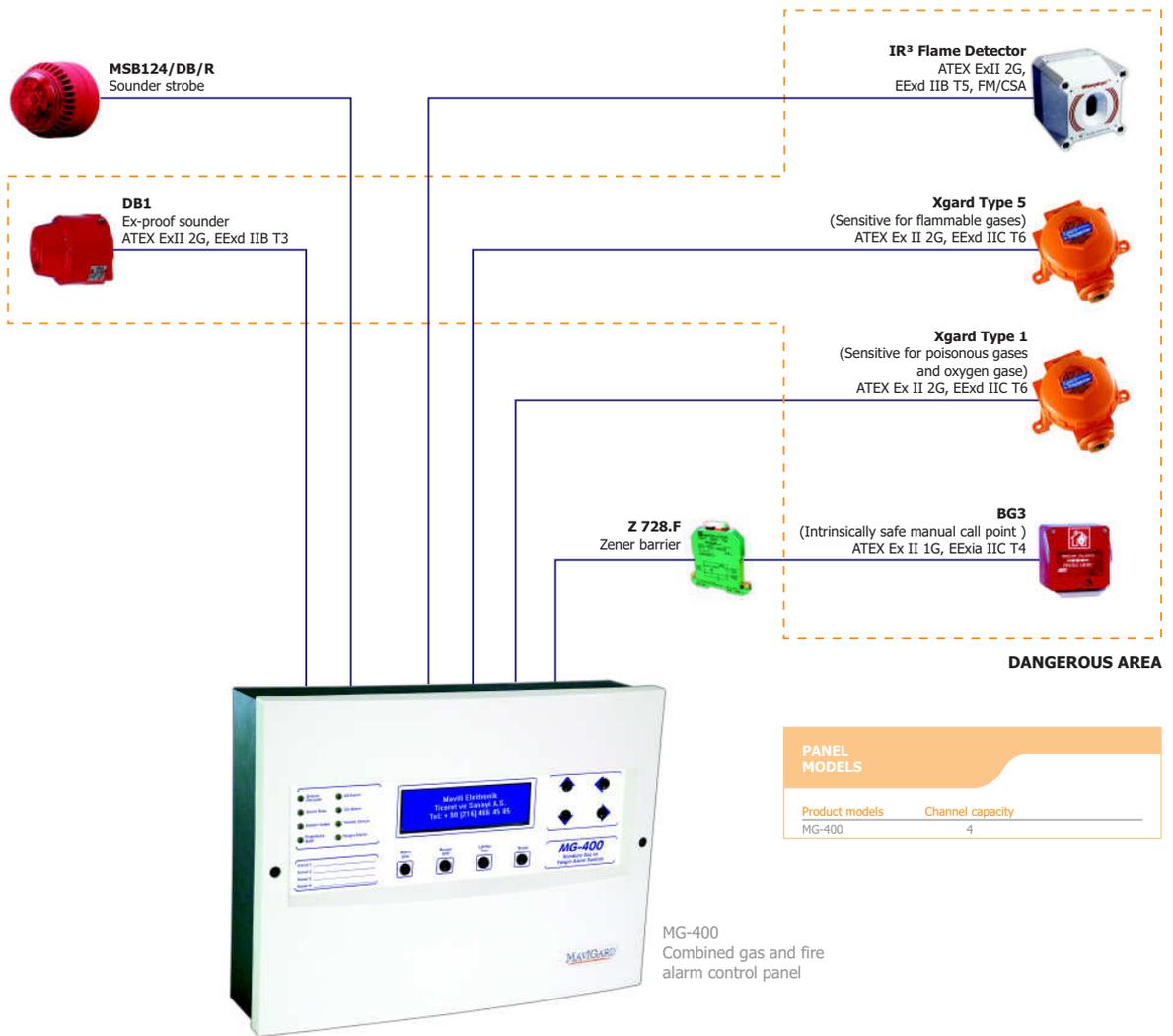**Combined gas and fire alarm control panel features**

01. 4 channels
02. Industrial gas detectors compatible
03. 4-20 mA converter compatible
04. Adjustable high and low alarm thresholds
05. Sending signals to difeerent systems by high alarm relay, low alarm relay and fault relays.
06. Remote control
07. Configurable latching/ non-latching relays
08. Relays can be set as NO or NC
09. Configurable latching/non-latching sounder outputs
10. 2- and 3-wire detectors compatible
11. Sink and Source option for channels
12. Password-protected access levels

MG-400 Combined gas and fire alarm control panel

- The panel has 4 channels, each capable of hosting max. 1 gas detector or 20 conventional fire detectors.
- Large graphic 64 x 240 pixel LCD with adjustable blue backlight facilitates displaying system information, including gas detector measurements, alarm conditions and faults.
- Channels can be disabled on user request, sounder outputs and relays can be tested, gas detectors can be zeroed and calibrated from the panel menu.
- It is possible to enter zone location text for panels and detectors.
- Channel measurement unit can be set to '%LEL', 'PPB', 'PPM', '%VOL' or 'FIRE'.
- Panels can be set to ignore channel measurements made just after energising of the panel for certain time. The time is adjustable from the panel menu. This feature prevents false alarms during the first minutes of panel operation, when gas detectors do not make stable measurements yet.
- High and low alarm dependence on either rise or decrease of gas density and threshold levels are adjustable from the panel menu.

MSB124/DB/R
Sounder strobe

IR³ Flame Detector
ATEX ExII 2G,
EExd IIB T5, FM/CSA

DB1
Ex-proof sounder
ATEX ExII 2G, EExd IIB T3

Xgard Type 5
(Sensitive for flammable gases)
ATEX Ex II 2G, EExd IIC T6

Xgard Type 1
(Sensitive for poisonous gases
and oxygen gase)
ATEX Ex II 2G, EExd IIC T6

Z 728.F
Zener barrier

BG3
(Intrinsically safe manual call point)
ATEX Ex II 1G, EExia IIC T4

DANGEROUS AREA

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MG-400

MG-400
Combined gas and fire
alarm control panel

PANEL MODELS	
Product models	Channel capacity
MG-400	4