Fire Alarm Control Panel FACP 80

- **4 or 8 detector zones (MG) with up to 30 detectors per MG**
- **Connection for Series 9000 fire detectors without switch-on-control**
- **Single Zone Indication**
- **LCD display with 2 lines and 20 characters per line**
- **Delivery of pre-configured panels for immediate commissioning**
- **Menu-controlled commissioning via operating unit -further auxiliary devices are not required**
- **Simple mounting via connection terminals**
- **Operation status PM and operation status TM for false alarm prevention**
- **Integrated door release mechanism for the fire service key box**
- **Integrated interface for the transmission unit connected to the fire brigade and for the fire brigade operating panel**
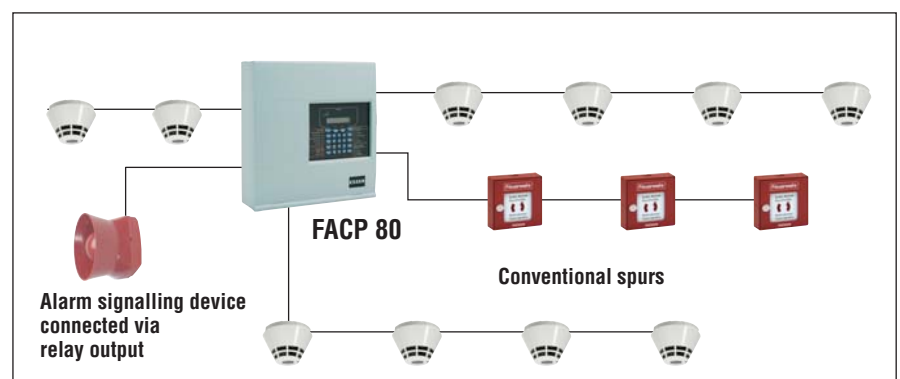- **CPU emergency mode**
- **VdS approved**

FACP 80 - All-Inclusive:
Professional Safety Technology
for Small Objects

The FACP 80 Fire Alarm Panel is the professional safety solution for application in smaller objects. Cost-effective. Simple. Ready for instant commissioning by any competent electronics service provider.

Thus, a large freehold flat, a small one-family house or a multiple-family dwelling, a shop, a warehouse or a garage can be efficiently monitored. In that context, the FACP 80 Fire Alarm Panel does not only provide for reliable trouble alarm indication and hazard alarm indication but also for transmitting alarms to assisting services such as the fire brigade. Currently, the FACP 80 is the only

small fire alarm panel that complies with all DIN, EN and VdS standards without requiring further add-ons for implementing professional safety technology.

Combined with high-performance Series 9000 fire detectors, the FACP 80 allows for an optimum solution with a view to basic fire detection. The highest configuration efficiency is reached when connecting a maximum of 240 detectors. Additionally, all indications are clearly structured and via LCD display each indication is translated into a plain text message. Therefore, the panel can almost be intuitively handled.

FACP 80

Alarm signalling device connected via relay output

Conventional spurs
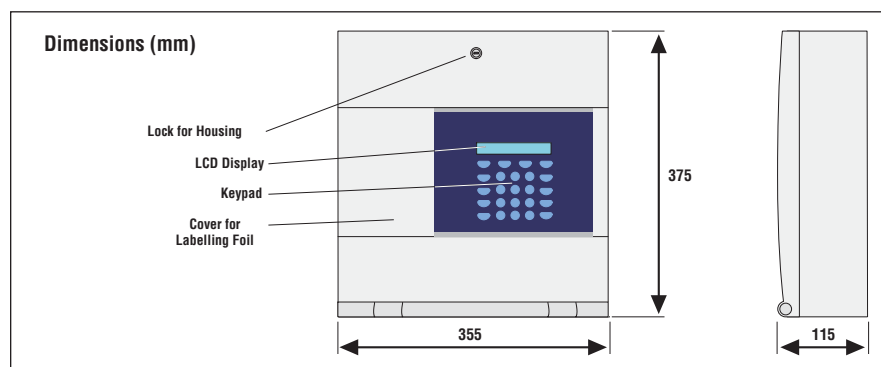
Example of a configuration

*PM:
enquiry/delay

**TM:
alarm buffering, Two-Detector-Dependency, Two-Zone-Dependency

Simple and Cost-Efficient

Apart from the batteries, the "all-inclusive" system does not require any additional modules, interfaces, cards, etc. As a professional fire alarm panel, the FACP 80 is fully equipped with all required on-board devices. It is irrelevant whether the panel is used as a simple domestic alarm system or whether it is provided with a direct connection to the fire brigade: The fire brigade operating panel interface, a transmission unit interface, the standard "extinguish" interface as well as further outputs for connecting alarm devices or fire detection modules are provided. For installation and commissioning purposes, the panel is completely suited to the require-

ments of electronics service providers, as it is equipped with ample cable entries and cable passages. Furthermore, all connections are designed as plug-in connections or as screw terminals. Menu-controlled commissioning can be performed directly at the control panel without requiring additional devices such as PCs, laptops, etc.

The FACP 80 Fire Alarm Panel represents a miniature power-packed unit with professional features that perfectly comply with the basic requirements in terms of preventive fire detection. Not only the excellent price-ratio performance but also simple installation techniques classify the small fire alarm panel as a very cost-effective solution that implements professional safety technology.

Dimensions (mm)

Lock for Housing
LCD Display
Keypad
Cover for Labelling Foil

375

355

115

Technical data:

Mains voltage:	230 V AC
Mains frequency:	50 Hz up to 60 Hz
Rated voltage:	24 V DC
Emergency power supply:	2 x 12 V / 7Ah
Current consumption	typ. 5 W / max. 75 W
Quiescent current consumption	typ. 16 mA / max. 24.5 mA
Max. external consumption:	
- at 72 h emergency power supply:	147 mA
- at 24 h emergency power supply:	490 mA
Recommended connection cable	I-Y (St) Y n x 2 x 0.8 mm, max. 1.000 m length
Ambient temperature:	-5 °C up to +45 °C
Ambient conditions:	class 3k5 as per IEC...
Class of protection:	I according DIN EN 60950
Type of protection:	IP 41
Housing:	ABS
Colour:	grey, similar to Pantone 538
Dimensions (W x H x D):	355 x 375 x 115 m
Weight (w/o battery):	3.1 kg
VdS approval:	G 202050

Order information

	Part No.
FACP 80 Fire Alarm Panel 4 detector zones	788705
FACP 80 Fire Alarm Panel 8 detector zones	788706
Battery 12V / 6.5 Ah	105044
Battery 12V / 7 Ah	735554

For further order information please refer to our "Fire Alarm Technology" Product Line Catalogue.