

FACP IQ8Control C



Part-No. 808003

Approval: VdS, CNBOP, BOSEC

The IQ8Control C is an efficient fire alarm control panel for the property supervision of small to mid-sized objects facilitates simultaneous detection, control and alarm signaling both on the analog ring as well as on the spur. Within the multi-functional IQ8Control C panel, the operation type (powered-loop or non-powered-loop) can be selected via a jumper located on the control panel power supply unit. Depending on which loop operation type has been selected, the corresponding loop module/modules are required.

Features:

- Max. two micromodules (system supports up to 254 digital loop addresses in total)
- Max. two esserbus analog loop modules
- Short circuit and open circuit resistant loop operation
- Loop installation with I-Y(ST)Y 0.8 mm cable for a maximum length of 3.5 km
- Up to 127 esserbus devices (fire detectors and/or manual call points)/detector zones per loop
- Up to 32 esserbus transponders per loop/operation of wireless components (see chapter 10)
- Operation types TM and PM as per DIN VDE 0833 - 2 to avoid unwanted alarms being triggered
- Fire brigade operating panel and alarm transmission unit interface on the peripheral module
- Three common relays, freely programmable, monitored, floating for up to 24 V DC/1A (on the peripheral module)
- TTY or RS 485, RS 232 interface
- Integration in the short circuit and open circuit resistant essernet network with up to 31 fire detection panels depends on transmission rate
- Connection to graphical supervisor FlexES Guard/WINMAG via serial essernet interface (SEI)
- Operating panel with alphanumerical display
- Large display with 8 rows with 40 characters. As follows rated - four rows with 40 characters for the status information (first and last message), and the other four rows with 40 characters are used for system information e.g. "Sounders Off"
- Event memory for up to 10,000 events
- All System 8000 micromodules are compatible
- Printer interface for internal printer
- Two batteries with monitoring circuit
- Monitored input for external power supply unit

Additional features for powered loop

- Max. 2 analog powered loop modules (System supports up to 254 digital loop addresses in total)
- BUS powered, synchronously controlled, acoustic alarm signaling devices as per DIN EN 54-3 with alarm tone as per DIN 33404
- Up to 48 powered loop base sounders (series 9200) per loop
- Up to 32 powered loop IQ8Alarm per loop
- Up to 48 IQ8Quad with alarm device per loop

Rated voltage	230 V AC
Rated frequency	50 ... 60 Hz
Rated current	0.35 A (standard); 0.7 A (powered loop)
Output voltage	12 V DC
Quiescent current	approx. 215 mA (basic configuration without operating unit) approx. 230 mA (basic configuration with operating unit)
Current consumption for ext. devices	2 A
Ambient temperature	-5 °C ... 45 °C
Storage temperature	-5 °C ... 50 °C
Type of protection	IP 30
Housing	ABS, 10 % glass fiber reinforced, V - 0
Air humidity	< 95 %
Color	gray similar to Pantone 538
Weight	approx. 6.5 kg
Dimensions	W: 450 mm H: 320 mm D: 185 mm



The operating front must be ordered separately and is not included in the price.



Housing with standard rear panel and front frame for operating panel fronts, interface board, power supply module, system software.