

IQ8Alarm/FSO signaler with isolator, red



Part-No. 807224

Approval: VdS

Addressable, completely bus supplied and short circuit / open circuit resilient alarm signaling device in compliance with EN 54-3 with up to 20 different programmable signaling tones including DIN tone in accordance with DIN 33404 Part 3 for acoustic and optical alarm signaling. The volume can be set to 8 different levels. Its flat design enables optimum adaptation to the environments. It is made of shock and scratch resistant plastic. Optionally, bases (Part no. 806201 white or 806202 red) with side cable entry and weatherproof protection (IP65) can be installed.

Features:

- Completely bus supplied alarm device
- Powered loop compatible
- Low power consumption
- Up to 32 alarm devices for each powered loop
- Each alarm device has built-in isolator
- Tones can be used for other purposes in addition to warning of fire, making the device ideal for use in schools etc.
- Soft start option, ideal for hospitals and nursing homes

Acoustic alarm signaling (dependent on type):

- Acoustic pressure up to 99 dB(A) @ 1 m
- Volume programmable in 8 steps via tools 8000
- Up to 26 different languages are available
- 20 different signaling tones, including DIN tone
- Multilingual speech alarm in 5 different languages
- Alarm signaling, evacuation, and test alarm can each be programmed in different languages
- Speech alarm, 5 pre-programmed alarm texts and other country-typical alarm signals

Optical alarm signaling:

- Flash intensity equivalent to 3W Xenon flash light

Operating voltage	8 ... 42 V DC (via powered loop)
Quiescent current @ 19 V DC	55 µA
Quiescent current @ FACP battery	approx. 300 µA @ 42 V
Sound level	97 dB (A) +/- 2 dB @ 1 m
Luminous intensity	max. 24.4 cd peak/ 4.1 cd effective (red flash)
Frequency of flash	3 Hz
Lighting energy	approx. 3 Y
Ambient temperature	-10 °C ... 50 °C
Storage temperature	-10 °C ... 55 °C
Type of protection	IP 30 (IP 65 with socket 806201 / 806202)
Housing	ABS plastic
Air humidity	< 95 % (non condensing)
Color	red, similar to RAL 3020
Weight	approx. 300 g
Specification	EN 54-3 acoustic signaling device
Dimensions	Ø: 112 mm D: 75 mm Ø: 112 mm D: 90 mm (with IP 65 base)



Please consider:

- Admissible maximum loop length
- Admissible maximum number of single alarm device types
- Maximum number of 127 bus devices for each loop

Systems requirements:

FACP IQ8Control from version V3.04

FACP FlexES Control

esserbus-Plus functionality

Programming software tools 8000 from version V1.09

Attention - an operation with the FACP'S 8000 C/M is not possible!!!

For upgrading 8000 C/M control units, IQ8Lumivox signaling devices must be used. If required, please contact our returns department.

For checking the battery capacity of FACP, the value "quiescent current @ FACP battery" can be added.

Accessories:

806202 IP 65 base, red