IQ8Alarm Plus/F visual alarm device, white/white

Part-No.: 807214WW
Approval: VdS

Addressable, completely bus supplied and short circuit / open circuit resilient Visual Alarm Device (VAD) compliant with EN 54-23, with white light flash, for optical alarm signaling.
The optical signaling device is suitable for square signal ranges W-2.4-5.0 to W-3.6-8.
The optical signal range is adjustable in 6 sizes via tools 8000.
Signaling device with flat base, suitable for wall mounting.
Optionally, IP base Part No. 806201 with side cable entry and weatherproof protection can be installed.

Optic

Load factor optic	3 *1 ... 7,9
Frequency of flash	0,5 Hz *1 /1 Hz
Flash color	white
Luminous intensity	approx. 6,6 cd eff. *1 / max. 17 cd eff. @ W-3,6-8
Signal Range	W-2,4-5 / 60 m³ *1 … W-3,6-8 / 230 m³
Mounting	Wall
Specification	EN 54-23: 2010 / -17: 2005

Acoustics

Common technical data

Operating voltage	14 ... 42 V DC (via powered loop)
Quiescent current @ 19 V DC	55 µA
Quiescent current @ FACP battery	approx. 300 µA @ 42 V
Connection terminal	max. 1,5 mm² (AWG 30-14)
Ambient temperature	-20 °C ... 70 °C
Storage temperature	-25 °C ... 75 °C
Air humidity	< 95 % (non-condensing)
Type of protection	IP 43 *2
Housing	Polycarbonate plastic
Color	white, similar to RAL 9010
Weight	approx. 300 g (with base)
Dimensions	Ø: 112 mm H: 75 mm
Declaration of Performance	DoP-21429150413

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
- Synchronous trigger
- EN 54-23 compliant
- W category
- Signal range up to 8.0 m room width for wall mounting
- Room size configurable via tools 8000

*1 Factory setting, configuration with service- and programming software tools 8000. *2 IP 21C acc. EN 54-3 / -23 *3 Do not use the base for acoustic alarm applications in compliance with EN 54-3 Replacement for Part No. 807214. The factory settings for EN 54-23 signal ranges can be changed with FACP FlexES Control and programming software tools 8000 from version V1.24. As part of our commitment to offering benchmark customer support, we have provided an online tool designed to help you easily identify and select the right solution for your specific application needs: "Maxpector VAD Selection Guide - IQ8Alarm Plus". Identify the correct device in line with EN54-23. To help identify your Visual Alarm Device (VAD) requirements in line with the EN54-23 standard, we have developed an easy-to-use online device selection guide. Simply enter the room dimensions, flash frequency, light color and optional features e.g. Flash/Sound or Flash/Speech and the tool will help you estimate the number of VADs required for your space. This useful selection guide includes the intelligent IQ8Alarm Plus devices, providing a one-stop-shop for VAD selection. Link: https://esser.maxpector.com/

Accessories:

806201	IP base, white