



MINERVA[®] MX

SAM800 / SAB800 / SAB801 Sounder Base Addressable Modules

Features

- Allows the 801/802/812/901 & 912 Sounder Base to become Addressable without the need to fit a Detector, thus creating an Addressable Loop Powered Sounder
- Suitable for wall or ceiling mounting
- Sounder Selection Tones as per 801/802/812/901 & 912 Sounder Base
- Fits the 801RB Relay Base to provide an Addressable Relay Base without the need to fit a Detector
- Colour matched to Sounder Bases
- Locked into Sounder Base using Detector Locking Pin
- SAM 800 is configurable in CONSYS
- SAB800 / SAB801 may be used with 5B or MUB bases
- SAB800 / SAB801 adds a Flashing Red Beacon facility to the 801/802/812/901 & 912 Sounder Base
- SAB801 Low current consumption (loop powered)
- SAB800 has two Modes of Operation - continuous or 2Hz flash, configurable in CONSYS
- SAB801 has two Modes of Operation - continuous or 1Hz flash, configurable in CONSYS

Sounder Base Addressable Modules

The Sounder Base Addressable Modules (SAM800/SAB800/SAB801) are designed to control a loop powered sounder base for use with the MX system, two variants (SAB800/SAB801) includes an integral beacon. They may also be used to drive a relay base. The units are used to provide the address decoding in place of a detector, thus providing a loop powered sounder beacon when used in conjunction with a Sounder Base. These modules are colour matched to the sounder bases and are locked into the base using the locking device integral to the sounder base.

SPECIFICATIONS

Technical Specification SAM800

The SAM800 is suitable for wall or ceiling mounting as standard, but has no integral LED or remote LED drive.

SAB800 / SAB801

The SAB800/SAB801 has a flashing beacon incorporated into the front with a red lens arrangement. It is designed for wall mounting either on a sounder base or on a conventional base.

When mounted 2 to 2.2m above ground level the beacon provides a high uniform intensity wide angle light output. The base orientation is not critical to the viewing of the beacon.

Mechanical Characteristics

Dimensions	
SAM800	108 Diameter x 21.2 H mm
SAB800 / SAB801	108 Diameter x 32.0 H mm
Material	Body, cover and enclosure: FR110, 'BAYBLEND' flame retardant
Weight	
SAM800	0.068Kg
SAB800/ SAB801	0.070Kg

Environmental Characteristics

Operating Temperature	-10°C to +55°C
Storage Temperature	-25°C to +70°C
Relative Humidity	Up to 96% RH (non-condensing)
Pressure	Not pressure sensitive but Sounder output is quoted for atmospheric pressure of 1000mBar
Vibration	Designed to meet the requirements of EN54-3
Corrosion	The sounder addressable modules pass the SO ₂ corrosion test from EN54-3

Electrical Characteristics

Supply Voltage	Addressable loop voltage 20- 40Vd.c. polarity conscious
Standby Current	250uA typical
SAB800	11mA Flashing or continuous
SAB801	3.25mA Flashing or continuous
SAM800	250uA (+ associated Sounder / Relay current)

There is no additional current surge when SAB800/SAB801 switches between non flashing and flashing states.

Optical

Flasher Options

With the SAB800, two flasher options are made available:

- Continuously On - this is to enable the SAB800 to be used as a group indicator
 - 2Hz flash - free running, no synchronisation between flasher units
- These options may be selected in CONSYS

With the SAB801, two flasher options are made available:

- Continuously On - this is to enable the SAB800 to be used as a group indicator
 - 1Hz flash - free running, no synchronisation between flasher units
- These options may be selected in CONSYS

Product Code Information

516.800.954	SAM800 Sounder Addressable Module
516.800.953	SAB800 Sounder Addressable Beacon
516.800.956	SAB801 Sounder Addressable Beacon (Low Power)