



M23/2008 HYPER-FREQUENCY MODULE

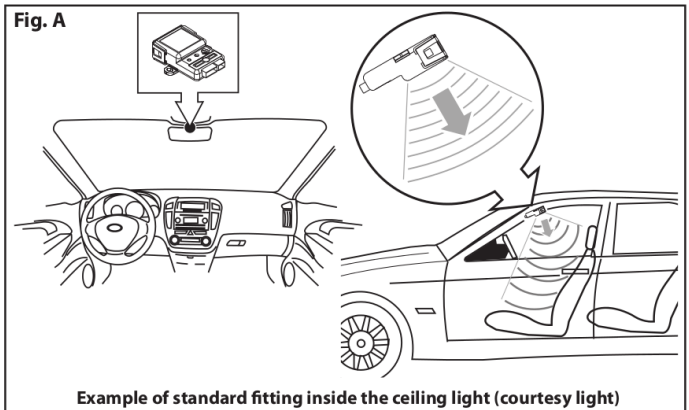
SPECIFICATIONS

The hyper frequency module is a volumetric sensor capable of detecting attempts to enter the area it covers using radio waves. It is not affected by air currents caused by leaving a window open and is a particularly good choice for protecting cabriolets or vehicles with a heater.

The module also has the option of extending its coverage by fitting two modules inside the vehicle without causing any interference between them (see the note on the Jumper in Fig. B).

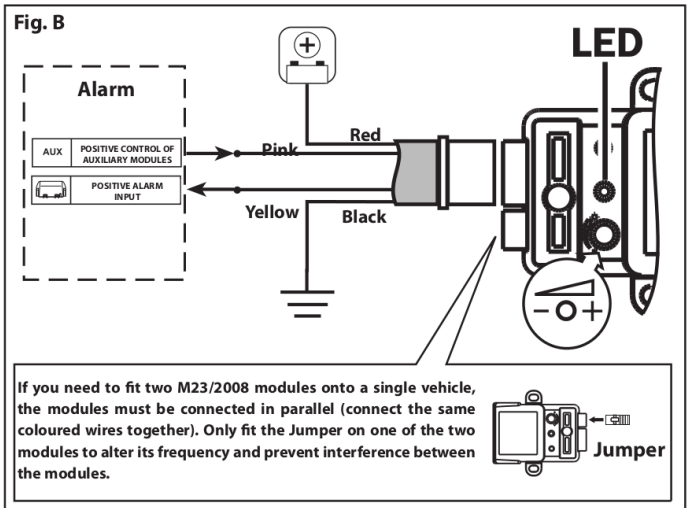
FITTING THE UNIT

It is essential you fit the module inside the vehicle interior in an area protected against water and humidity. It can be fitted under the central transmission hump, behind the dashboard or inside the ceiling light unit and should be secured with the screws or the strips of stick-on velcro supplied. When fitting the module, check the chosen site faces the area you want to protect so the radio waves will be transmitted in this direction (see illustration below). Never cover the front of the "Antenna" module with any items made of metal, as these would act as a barrier against the microwaves.



ELECTRICAL CONNECTIONS

Follow the simple connections diagram below to connect the M23/2008 hyper frequency module:



ADJUSTING SENSITIVITY AND FINAL CHECK

Once you have decided where to fit the module, secure it into position and set it so it gives the best coverage of the area to be protected without the risk of radio waves being sent beyond the vehicle, as this could result in false alarms. Adjust the trimmer on the front of the module to set it. Turn the trimmer in the direction shown on the plastic case to adjust its sensitivity. The Led at the side of the trimmer can be used to verify when the alarm trigger has been detected even if the system does not have a trigger testing function during its initial entry time. If the module is connected up to a MetaSystem alarm, the alarm system will signal when it has detected the alarm trigger during the initial entry time by means of one flashing of the direction indicators. Some alarm versions also sound their buzzer once. Radio waves are reflected by metal surfaces, therefore for optimum adjustment we suggest using a 50 cm square (or larger) sheet of metal: move the metal slowly near the vehicle's windows and windscreen, or above its soft top, to identify the area of coverage by the radio waves.

SPECIFICATIONS

Supply	12V(10 - 15V)
Consumption.....	2 mA
Operating temperature	-40°C +85°C
Operating frequency (H.F.).....	24.1 GHz
Initial entry time	4 sec.
Dimensions.....	48x55x16 mm
Weight	20 g