

INSTALLATION CERTIFICATE

The undersigned qualified installer attests to have personally fitted the here described device following the manufacturer instructions.

By :

Sold on :

Device :

Vehicle :

GEMINI Technologies S.p.A.

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ISO 9001 Certified Company



7059
12 VOLTS

**INSTALLATION AND
USE MANUAL**



Made in Italy

AC 2494 - REV. 03 - 12/12



DESCRIPTION

The GEMINI 7059 hyper-frequency sensor protects the vehicle from cabin intrusions by emitting a high frequency electromagnetic field (frequency = 2,45 GHz).

The sensor picks up, using radar waves, any conducting moving body and any change in the signal strength triggers the alarm.

The GEMINI 7059 sensor is not affected by air movement, such as wind or temperature changes, which makes it ideal for use on convertible vehicles, pickups or soft top vehicles.

Because the isolating materials are permeable to the electromagnetic waves (plastic, fabrics, etc.), the GEMINI 7059 sensor can be hidden under the cabin's trim panels.

FITTING INSTRUCTIONS

For best performance, the sensor must be fitted in the most suitable position according to the vehicle. High frequency sensors, usually do not protect the entire cabin.

The sensitivity level must be adjusted in order to prevent false alarms caused by objects or persons moving around, outside the vehicle.

For the same reason, do not install the sensor under the glove compartment or the coin tray and avoid hanging dangling metallic objects in the vehicle.

The GEMINI 7059 sensor can be installed under the upholstery of the rear seat base (facing toward the front of the vehicle), behind the central dash area, under the central tunnel trim or under the upholstery near the roof courtesy light.

WIRING CONNECTIONS

The 7059 sensor has a tripolar lead terminated with an AMP connector for rapid connection to the Gemini alarm wiring.

PINK wire: positive supply with alarm system armed (+12VDC).

BROWN wire: negative power supply.

GREEN/BLACK wire: alarm trigger output, connect Gemini alarm systems external modules at the input.

SENSITIVITY ADJUSTMENT

The GEMINI 7059 module has a trimmer to adjust sensitivity from its lowest level (except ZERO) to its highest level.

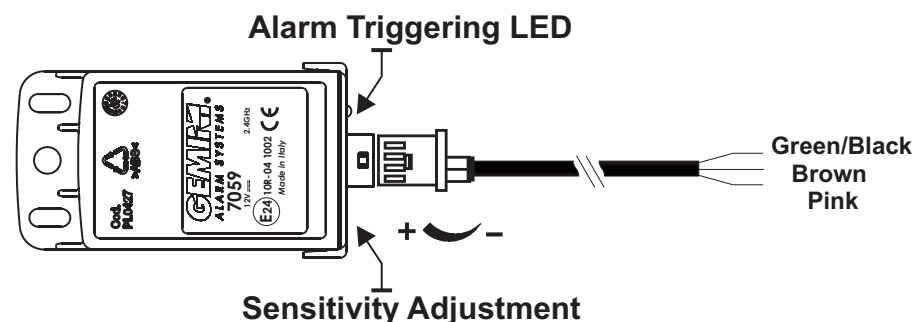
A red LED will light up steady for 4 seconds every time a movement is picked up in the sensor detection range.

Sensitivity adjustment procedure

- 1) Adjust TRIMMER at its highest setting (turn completely clockwise).
- 2) Close all doors, bonnet, boot and windows and arm the alarm unit; wait until the neutral arming time has elapsed or set on the DIAGNOSTIC mode (if available).
- 3) Move hands near windows (windshield, rear and side car windows) to make sure the GEMINI 7059 sensor does not trigger false alarms.
- 4) If an alarm is set off, reduce sensitivity by disarming the alarm and turning the trimmer counter-clockwise. Repeat test (step n. 3).
- 5) If the sensor does not react, disarm the alarm system and roll down one of the front windows.
- 6) Rearm alarm unit (or set on DIAGNOSTIC mode). Simulate a theft attempt by introducing something through the window and moving it near the front seats.

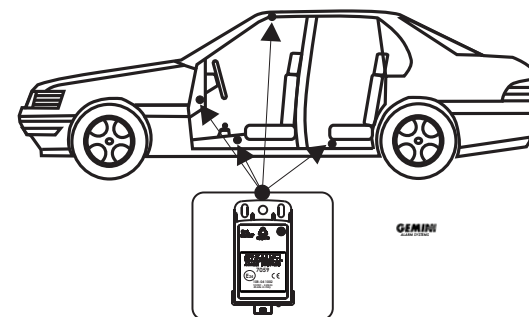
The sensor should trigger an alarm.

NOTE: between one alarm and the other, at least 4 seconds must elapse once the LED turns off.



Mounting position of sensor 7059

NOTE: the sensor must always be positioned in the center of the passenger compartment, the side with the sticker facing towards the area to be protected.



WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT (WEEE) DIRECTIVE

The present device does not fall within the scope of Directive 2002/96/EC on Waste Electrical and Electronic Equipment (WEEE) as specified in art. 2.1 of L.D. no. 151 of 25/07/2005.

WARRANTY CONDITIONS

This product is guaranteed to be free from manufacturing defects for a period of 24 months from the installation date shown on this warranty, in compliance with Directive 1999/44/CE.

Please fill-in entirely the guarantee certificate included in this booklet and do NOT REMOVE the guarantee label from the device.

The warranty will become void if labels are missing or torn, if the installation certificate is not fully compiled or if the enclosed sale document is missing.

The guarantee is valid exclusively at Authorized Gemini Technologies S.p.A. Centers.

The manufacturer declines any responsibility for eventual malfunctions of the device or any damage to the vehicle electrical system due to improper installation, use or tampering.

This alarm is solely intended to be a theft-deterrent device.

TECHNICAL SPECIFICATIONS

Operating power supply	12 Vdc
Current absorption	5mA
Operating temperature	-40 to +80 °C
EM field frequency	2,45 GHz

R & TTE Declaration of conformity DoC ref. no. 2012-02

We, the undersigned,

Company: **GEMINI Technologies S.p.A.**
Address, City: Via Luigi Galvani, 12 - 21020 Bodio Lomnago (VA)
Country: Italy
Phone number: +39 0332 943 211
Fax number: +39 0332 948 080

declare, under our sole responsibility, that the following equipment:

Product description/Intended use: Microwave Detector at 2.4GHz
(used as ancillary equipment for alarm system in vehicles)

EU / EFTA member states intended for use: **EU:** all members

EFTA: all members

Member states with restrictive use: Georgia, Ukraine, Russian Federation

Manufacturer: GEMINI Technologies S.p.A.
I - 21020 Bodio Lomnago (VA)

Brand name: GEMINI
Type / Model: 7059

is tested to and conforms with the essential requirements as mentioned in Art. 3.1(a) for protection of the Health and Safety of the user and any other person and in Art. 3.1(b) for Electromagnetic Compatibility, as included in the following standards:

Art. of Directive	Standard	Date of issue of the standard
3.1(a) Health	EN 62311	(2008)
3.1(a) Safety	EN 60950-1	2006+A11(2009)+A1(2010)+A12(2011)
3.1(b) EMC	EN 301 489-3	V1.8.1 (2002-08)
3.1(b) EMC	EN 301 489-1	V1.9.2 (2011-09)

and is tested to and conforms to Art. 3.2, with the essential radio test suites so that it effectively uses the frequency spectrum allocated to terrestrial/space radio communication and orbital resources so as to avoid harmful interferences, as included in the following standards:

Art. of Directive	Standard	Date of issue of the standard
3.2 Spectrum	EN 300 440-2	V1.4.1 (2010-08)

and therefore complies with the essential requirements and provisions of **Directive 1999/5/EC** of the European Parliament and of the council of March 9, 1999 on Radio equipment and Telecommunications Terminal Equipment and the mutual recognition of their conformity and with the provisions of Annex II.



TCF reference nr. TCF_7059 (Rev.2012-11)
Date December 4th, 2012
Name and position Andrea Rossi - Managing Director
Signature

ENGLISH: hereby, GEMINI TECHNOLOGIES S.p.A., declares that the product 7059 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/CE.

ITALIANO: con la presente GEMINI TECHNOLOGIES S.p.A. dichiara che il prodotto 7059 è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.

ESPAÑOL: por medio de la presente GEMINI TECHNOLOGIES S.p.A. declara que el producto 7059 cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.

FRANÇAIS: par la présente GEMINI TECHNOLOGIES S.p.A. déclare que l'appareil 7059 est conforme aux exigences essentielles et aux autres dispositions pertinentes de la Directive 1999/5/CE.

DEUTSCH: Hiermit erklärt GEMINI TECHNOLOGIES S.p.A. die Übereinstimmung des Gerätes 7059 mit den grundlegenden Anforderungen und den anderen relevanten Festlegungen der Richtlinie 1999/5/CE.

PORTUGUÊS: GEMINI TECHNOLOGIES S.p.A. declara que este 7059 está conforme com os requisitos essenciais e outras disposições de Directiva 1999/5/CE.

DUTCH: bij verklaart GEMINI TECHNOLOGIES S.p.A. dat deze 7059 voldoet aan de essentiële eisen en aan de overige relevante bepalingen van Richtlijn 1999/5/CE.

GREEK: ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ GEMINI TECHNOLOGIES S.p.A. ΔΗΛΩΝΕΙ 7059 ΣΥΜΜΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/EK.

DANSKE: Undertegnede GEMINI TECHNOLOGIES S.p.A. erklærer herved, at følgende udstyr 7059 overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.

SVENSKA: härmed intygar GEMINI TECHNOLOGIES S.p.A. Att denna 7059 står i överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 199/5/EG.

FINNISH: GEMINI TECHNOLOGIES S.p.A. vakuuttaa täten että 7059 tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.