

# TBM-DB

# Electronic module for tow bar wiring kit







# **Application:**

- Cargo trailers;
- Vehicles with 12 or 24 V electrical installation;
- 7-pin or 13-pin trailer wiring systems.



## **Short description:**

The module does not overload the lamps driving system of the car as the current consumption from signal inputs is approximately 1 mA, which excludes the malfunction of the car electronics systems. It may be connected to both a vehicle installation with incandescent bulbs and LED diodes.

The module is designed to work at the voltage of the vehicle installation, both 12 V and 24 V, which allows its installation also in trucks.

The module interoperates with trailers equipped with traditional fiber bulbs as well as LED lamps.

Due to the hermetic enclosure, the module is intended for mounting outside the vehicle, which is particularly important for trucks, vans, platforms, towing trucks etc.

#### **Assembly kit content:**

- Control unit;
- Harness for input signals connecting.



### Main features:



Interoperation with 7-pin or 13-pin trailer plug



Designed for mounting in cars with 12 V or 24 V electrical installation



Digital PWM signal analysis



Designed for mounting in vehicles with incandescent bulb or LED lamps and with a standard or multiplexed installation.



Interoperation with trailer incandescent bulbs or LED lamps



The car fog light is not turned off

#### **Additional equipment:**

#### TBM-WIRING-KIT

a set of wires to connect:

- Power source;
- Trailer socket.



**13-pin socket** with gasket and screws

**Mounting** accessories



It is possible to order the module with mounted harnesses

Complete checking of module correct connection is possible using the tester available in the manufacturer's offer

