XPia® 2.0
GPS location and GPRS communications

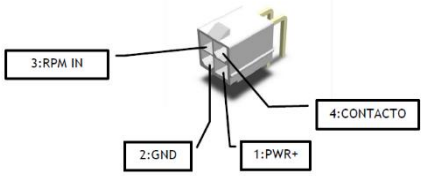
GPS localization module and **GPRS** communications with **MIFARE** reader to identify the driver and semaphore indicating the quality of the driving.

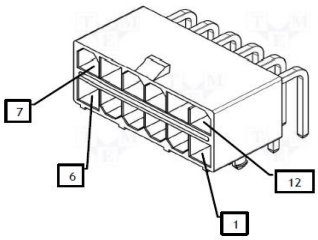
General characteristics

- Class12 **GPRS** industrial modem with 86kbps speed. Quadband (859/900/1800/1900 MHz). With internal antenna. Possibility of voice calls besides data.
- High sesitivity 64 channel **GPS** receiver with internal or external antenna.
- High precisión 3-axis **accelerometer**.
- Dimensions: 100 x 50 x 35 mm.
- Minimum weight: 100gr.
- **9/40 Vdc** extended power range.
- Extended temperatura range **-40º/+75º.**
- Electronics conforming to **EMC** and **RoHS**.
- **RTOS** real-time operating system.
- Custom programming in **Java**.
- Optionally it can incorpórate a pack of **batteries** with intelligent load.

I/O y Communications

- Mifare compatible ISO 1443 RFID reader.
- Acoustic and luminous signs like 'semaphore'.
- 2 inputs 2 power outputs.
- RS-232 and RS-485 ports.
- Relay output to open tourniquet.
- 5-volt output for other devices.





1. VCC: 5V DC OUT
2. RS-232 TX
3. RS-232 RX
4. RELE_OUT: Salida de potencia
5. GND
6. OPTO1: Entrada optoacoplada
7. OPTO2: Entrada optoacoplada
8. PWM: Salida de potencia con modulación en anchura de pulsos
9. RS-485 A
10. RS-485 B
11. OUT_1: Salida de potencia compartida con led bicolor
12. OUT_2: Salida de potencia compartida con led bicolor

DQC Driving Quality Control

Basic features

- Anti-theft with automic call.
- Measures vehicle battery voltaje.
- Detects the vehicle's ignition key.
- It allows regisering **GPS** position, speed, heading, turns, accelerations and other values to reproduce route and route and accident analysis.
- Remote firmware update.
- Connected to **Busmatick's BCP** system (bar counting of people) makes it a powerful one in an **ON LINE** fleet control system.

Tecnología Española de Alta Calidad