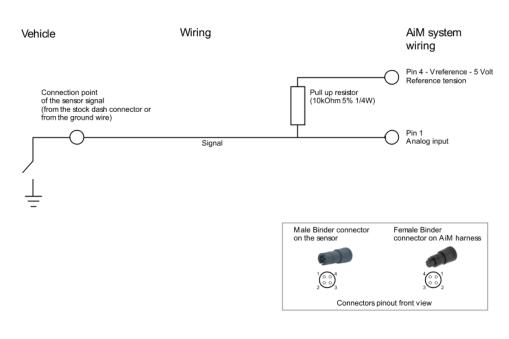**Sensors**

Alarm light sensors

Question:
How do I connect my car/bike alarm light sensors signals to the installed AiM device?

Answer:
The alarm light sensor connection to the AiM device uses the original cockpit connector signal: it must be connected to one of the available analog input on your system.

To maintain a high voltage level when the switch is off, a pull-up resistance must be installed between the reference voltage (Vref – pin4) and the analog input (pin1) of the male Binder connector already used to connect the signal that comes from the sensor. A 10kOhm 5% 1/4W resistance is suggested.
If the device in use is an MXL or an EVO4 with display, refer to the device user manual to know which is the most appropriate channel for the neutral alarm while for the new devices any channel would be appropriate. The electrical connection is illustrated below.

Switch to ground sensors
(Oil level or oil pressure alarm, battery charge/alternator alarm, side stand alarm, neutral alarm..)