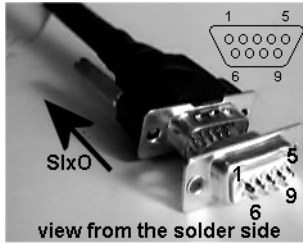


Connecting the SlxO to the Motorbike

Standard Connector for DC



The SlxO is connected to the motorbike via a Sub-D connector with 9 pins: plug/male at the SlxO, jack/female at the bike. The pinning is given in the picture on the left. Usually there are also pin numbers printed on the connectors.

Pin Number	Function	Connect to
1	engine speed (RPM)	primary side ignition coil
2	power supply	+12V (batterie plus)
3	button Up	key Up
4	button Down	key Down
5	button Reset/Enter	key Reset/Enter
6	power supply and ground return	ground (batterie minus)
7	speed and distance	wheel contact
8	internaly connected to GPIO0	no connection
9	internaly connected to GPIO1	no connection

Typically there are two tabs at the primary side of an ignition coil. One is fixed to +12V or ground. The SlxO is connected to the other one that is driven for every ignition. If you are not sure which one to use just try it out. Connecting the wrong tab to the SlxO does not do any damage.

A 1A fuse in the power supply to the SlxO is a good idea. The switch is optional but you may want to turn off the SlxO even with the main switch on.

