

Step 4 – For non-cellular variants (VMX-I-2 and VMX-I-4) – connect external modem

Check that the external modem communications (RS232 or RS485) are compatible with the VMX variant. Plug the external modem lead into the VMX communication port (RJ45). The modem may be existing (for meter retrofits) or new, and maybe a WIPG or other type of modem.

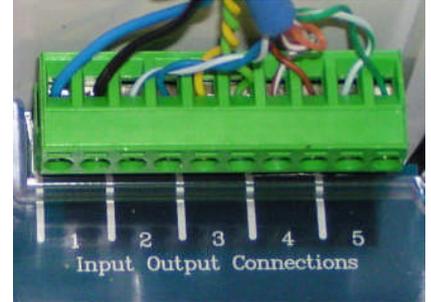
Step 5 – For Input/Output variants (VMX-I-2, VMX-I-G-2, VMX-I-4, VMX-I-G-4) - Connect I/O wires

Each pair of terminals on the input/output connector can be independently configured as an input or output.

Inputs are passive and are isolated from all other circuits, including other inputs. Inputs are rated for operating voltages from 11V to 280V AC or DC. The normal operating range (11V-30V or 30V-280V) is set on the Pulse I/O tab of Ei Interrogator Configuration.

Outputs are passive, isolated from all other circuits, and provide the equivalent of a contact closure by means of a solid state relay. Outputs are rated to a maximum working current of 90mA.

Screw-in wires for inputs and/or outputs onto green 10-way removable connector. Ports are non-polarized, so wire pairs can be screwed-in either way (A and B legs reversible). Be sure to use the right terminals for the right port (1 to 5).



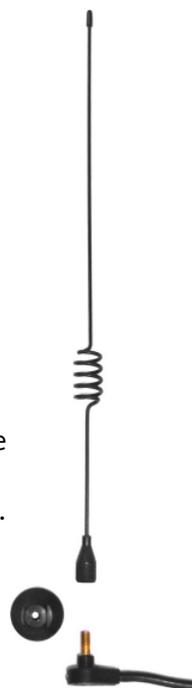
Take care when commissioning and configuring I/O port functions not to set a port wired for input as an output. This can lead to permanent damage to the output relay for the port. Refer to the VMX technical guide and the Interrogator manual for further details on port configuration.

Step 6 - For cellular variants (VMX-G-2, VMX-I-G-2, VMX-G-4, VMX-I-G-4) – mount SIM card and antenna



Insert SIM card with the contacts upward and chamfered corner at the lower left.

Unscrew the three parts of the aerial.



Pass the screw connector through the mounting plate supplied and reconnect the flange and aerial.

Temporarily attach the metal plate to a piece of *earthed* metal, such as an equipment cabinet, so that the aerial is pointing vertically and higher than the cabinet to avoid the radio signal being blocked by the cabinet.