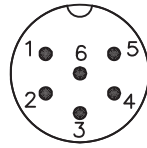


Expansion Ports

- Expansion Ports have 10pin connectors.
- The VX10 Vehicle-Mount PC must connect to Expansion Port 1 of the LX10 Controller.
- Other peripheral devices can be connected to any Expansion Port (e.g. RX10 Remote Readouts and SX10/11 Smartswitches).

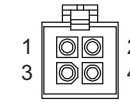
Triggers



Pin	Definition	Colour
1	+5VDC	Red
2	Trigger 1/5	Brown
3	Trigger 2/6	Blue
4	Trigger 3/7	White
5	Trigger 4/8	Yellow
6	-V	Black

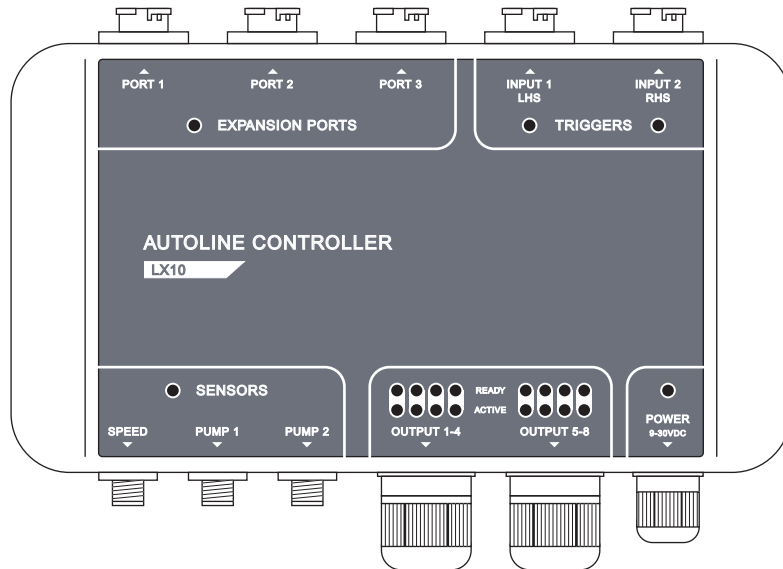
- Trigger inputs are negative-switched to -V common (NPN).

DC Power Inlet

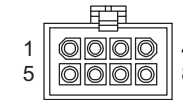


Pin	Definition	Colour
1	+V	Red
2	Aux Input 1	Yellow
3	-V	Black
4	Aux Input 2	White

- Supply voltage range 9-30VDC.
- Connect +V to isolated and fused supply direct from battery. Install an isolator switch that can be accessed easily in an emergency.
- Aux Inputs are positive-switched (PNP).



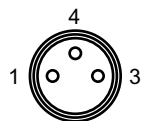
Outputs



Pin	Definition	Colour
1	Output 1/5 +V	Yellow
2	Output 2/6 +V	Brown
3	Output 3/7 +V	Orange
4	Output 4/8 +V	White
5	-V	Black
6	-V	Black
7	-V	Black
8	-V	Black

- Outputs are positive-switched (PNP). Maximum current draw is 3.5A
- V commons are linked internally.

Sensors (Speed and Pumps)



M8-3M

Pin	Definition	Colour
1	-V	Shield
3	Signal (NPN)	Black
4	+V *	Red

* Speed +V = 5VDC. Pump 1/2 +V = 12VDC.

IMPORTANT NOTES:

- Disconnect power when making wiring connections.
- Extension cables, Y-cables, and Field Connectors are available.



LX10 Controller Wiring Diagram

Revision: 02

Date: 04-08-2012