

CDL3 - I/O Loom*
Part No. 61196**Specifications**

- 4 analogue voltage input leads
- 2 analogue temperature input leads
- Lead lengths are 2.5m with individually labelled ends
- 22g Teflon coated Raychem light weight wire
- High temperature heat shrink
- Terminated connections designed to plug straight into the CDL3 terminated loom
- Terminated pins designed to be pushed straight into the 34 pin CDL3 connector of the CDL3 terminated loom.

Functions

The CDL3 I/O Loom is an optional accessory that easily adds 4 analogue voltage inputs and 2 analogue temperature inputs to your CDL3 terminated loom (#62203).

The loom has been made so that it is simple to install, with minimal wiring required. Each of the six 2.5 metre leads is individually twisted and heat shrunk for a professional finish.

** To use this loom the CDL3 requires the CDL3 12 I/O Upgrade (29500).*



The supplied product may differ slightly to this image.

CDL3 - I/O loom

Part No. 61196

Installing the CDL3 I/O loom

The CDL3 I/O loom is a fast way to add sensors to your CDL3 (I/O upgrade #29500 also required). Following these instructions, you can quickly add wiring for 4 AVs and 2 ATs to your CDL3 loom.

Installation process

1. Connect the DTM 4 pin male of the I/O loom to the GPS DTM 4 pin female connector of the CDL3 loom. The purpose of this connection is to supply 5V and 0V to the sensors.
2. Connect the DTM 4 pin female connector of the I/O loom to the GPS connector.
3. Remove the 34 pin CDL3 connector from the back of the CDL3.
4. Unlock the 34 pin CDL3 connector by pushing in the long white locking tab.
5. Remove the white plugs from pins 3, 4, 5, 6, 16 and 17.
6. Insert pinned wires into the 34 pin CDL3 connector as following:
 - AV1 – blue wire into pin location 3
 - AV2 – green wire into pin location 4
 - AV3 – purple wire into pin location 5
 - AV4 – gray wire into pin location 6
 - AT1 – brown wire into pin location 16
 - AT2 – orange wire into pin location 17
7. Secure the pins in place by pushing in the two white locking tabs on the 34 pin CDL3 connector. If the two locking tabs are difficult to push back, it is an indication that one or more of the inserted pins is not seated correctly.
8. Run the AV and AT wires to the locations required for your new sensors.

Notes:

- The red wires are 5V
- The black wires are 0V
- Coloured wires are the AV and AT wires.
- Shorten the looms as required by cutting them to length
- Loop and secure un-used looms for future use.

