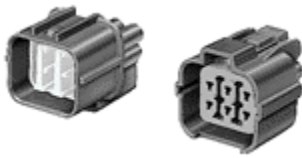


Sumitomo Connector Information

Go to the <http://wbo2.com/connector/page> for the latest prices and use the cart there to order these connectors.

The Sumitomo Connector is used to connect to the NTK L1H1 sensor. The sensor uses a male plug with 7 pins (it's really an 8 pin connector with one missing pin) and the connector we supply is the mating female socket.



This image shows the 6 pin variant of the Sumitomo HW-090 series connector series. The left connector is the male plug, and the right connector is the female socket.

Connector Kit Parts List

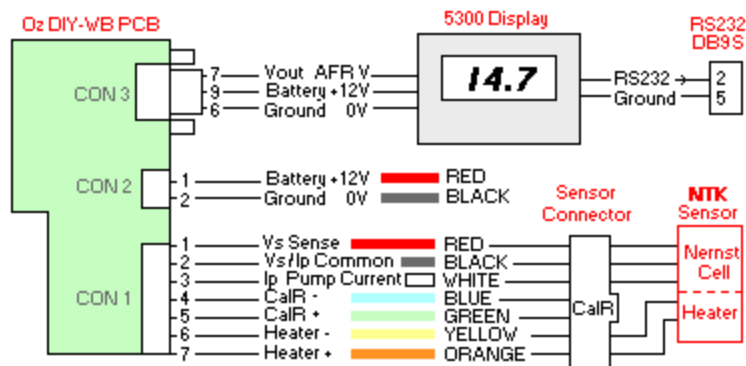
- Dark grey connector body
- White locking insert
- 10 female crimp terminals (7 required)
- 7 light grey wire seals (for small wires)
- 3 brown wire seals (for larger wires)
- 1 blanking plug

With the kit, you can use the 7 grey wire seals with 7 smaller diameter wires, or you can use two of the three larger brown seals with larger diameter wires (for the heater circuit). Either way, you should have a few spares should you mislay a couple of seals, or damage one of the terminals.

Here's an image of the back of the NTK L1H1 sensor's Sumitomo connector. It shows the 5 wires that come from the Vs/Ip cell (black, white & red) and the heater (yellow, orange). The squarish area at the top left of the connector houses the calibration resistor (**Rcal**) and the bottom right has a blanking plug in the eighth hole.

Go to the <http://wbo2.com/connector/page> for the latest prices and use the cart there to order these connectors.





Here's how the sumitomo connector is wired to the DIY-WB.

If you still have any questions on the Sumitomo connector then [email us](#).

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