

Input Connector Wiring for HB200

Overview

The HiBeam load display can be configured to accept load information from a wide variety of signals.

- DCell: for SoleDigital digital load cells
- mV: for 4 wire strain gauge sensors
- mA: for 2 wire 4-20mA outputs from load displays or line drivers
- V: for 0-10V signals from line drivers, Konecranes control pro's, SWF Novamasters etc...
- Q-Link: for ABUS LIS systems
- F-Link: for ABUS LIS or other frequency sources
- RS232 for serial input devices (and CANBus via an adapter)

For more information and wiring diagrams showing how to connect to these signal types, see the User Manuals available from the product page <http://www.soledigital.com.au/hibeam.html>

If the input type is specified at the time of ordering, then a prewired cable assembly will be supplied with the display. If no input type is specified, then an unsoldered plug will be provided and you will need to solder the wires that will be connected to your load source.

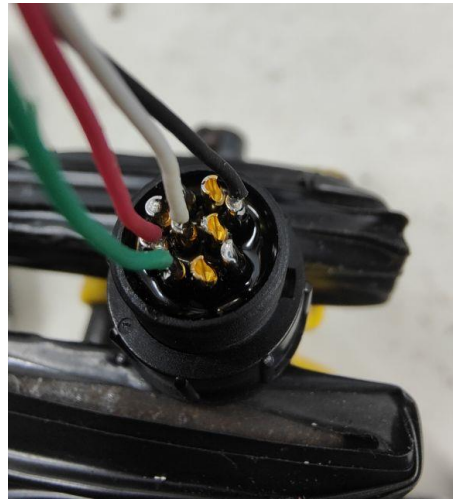
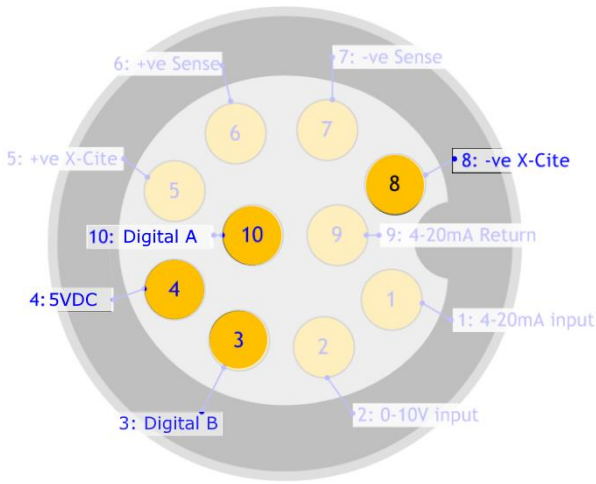
Notes on wire and connections

Its important to use only fine (20AWG or finer) wire when making connections to the solder terminals on the connector. Using larger wire will almost ineventably result in shorts or broken joints. Remember that the display is on a crane which is shaking the whole time it is in use.

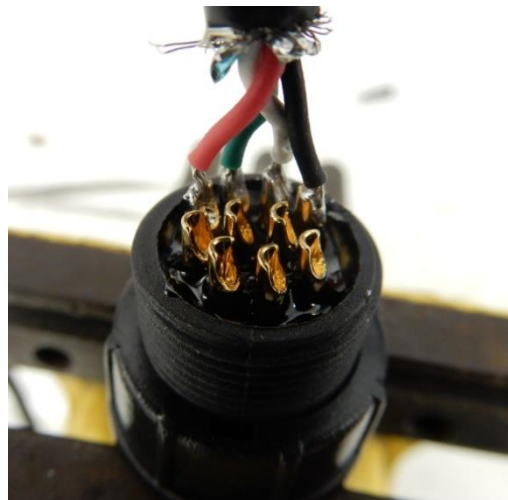
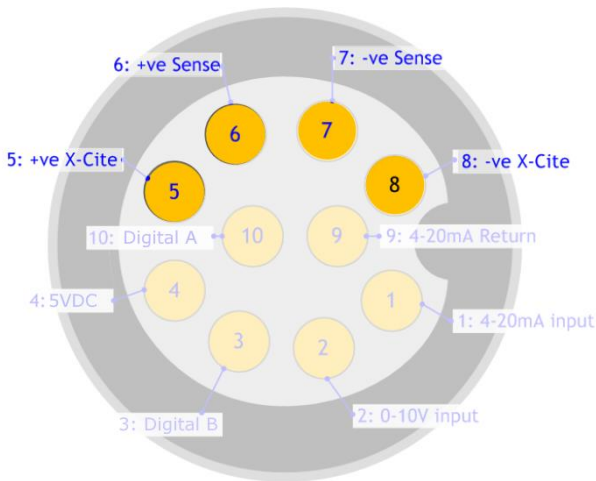
We recommend that you apply some 3mm heatshrink over each connection to provide strain relief and to prevent unsoldered whiskers of wire from creating shorts.



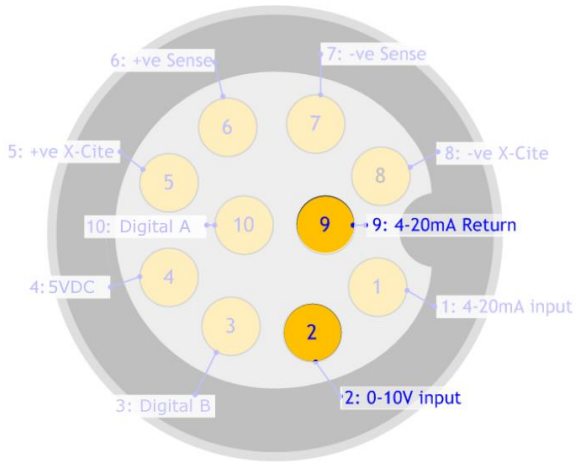
DCell input connections



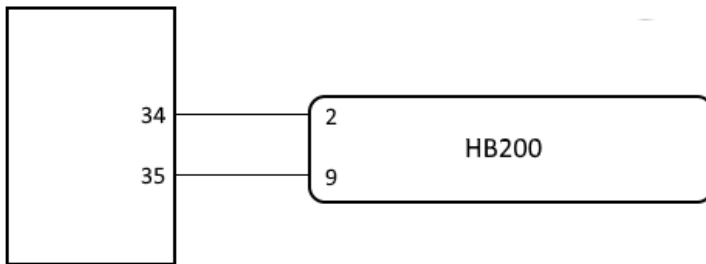
Strain gauge input connections



0-10V (Control Pro/NovaMaster) input connections

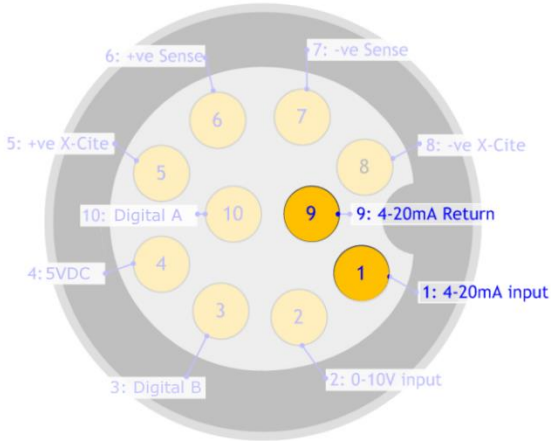


Control Pro/Novamaster

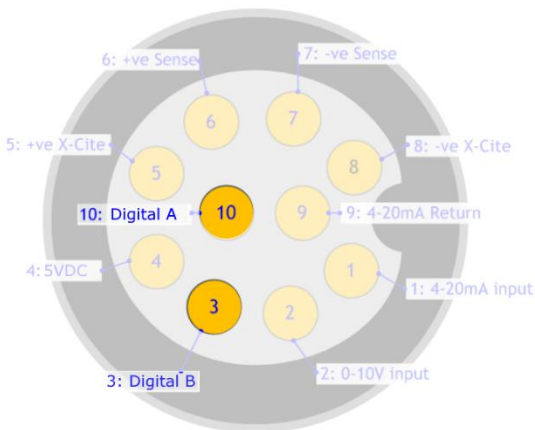


Nb, it's important to check that parameter 4.6.1 of the ControlPro/Novamaster is set to 'Solo' , 4.6.2 is set to 2.00V and 4.6.3 is set to 8.00 v

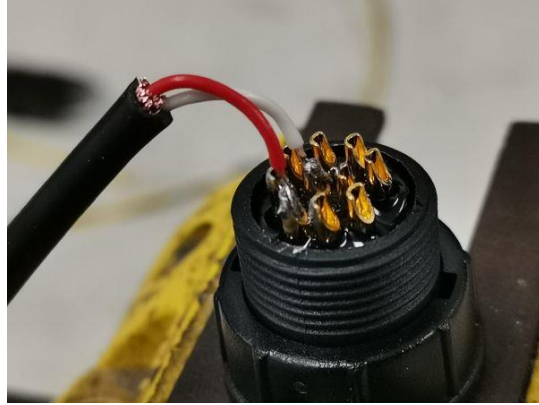
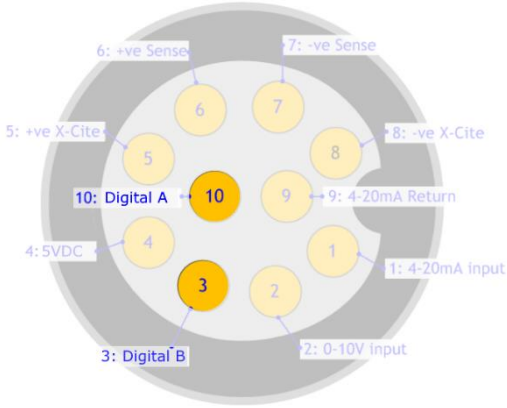
4-20mA Input connections



ABUS Q-Link Input connections



DataPro-45 Input connections



DataPro 45

